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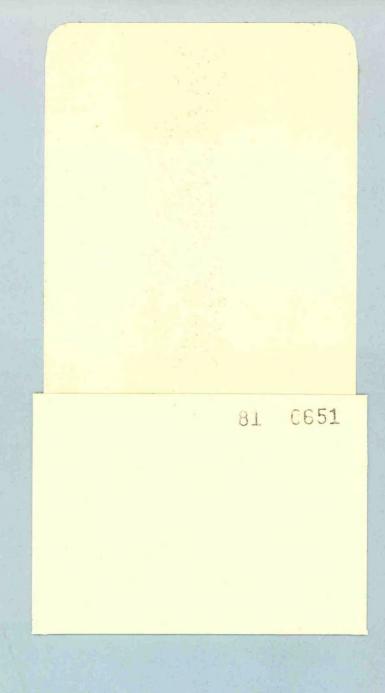
Releases of Anadromous Salmon and Trout From U.S. and Canadian Pacific Coast Rearing Facilities, 1960–1976

Robert Z. Smith and Roy J. Wahle

January 1981

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
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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

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National Oceanic and Atmospheric Administration
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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, Fletcher et al. 1976, 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 netpens, 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 netpens, 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 ($\underline{0}$. keta), pink salmon ($\underline{0}$. gorbuscha), sockeye salmon ($\underline{0}$. nerka), and cherry salmon ($\underline{0}$. masu), followed by steelhead trout and sea-run cutthroat trout (\underline{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.

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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 MATCHERY - ALASKA DEPARTMENT OF FISH AND GAME RELEASE OF- SPRING CHINOOK SALMON.

RELEASE	
RELEASE	
RELEASE	HENDENHALL R CRYSTAL LAKE HITKOF IS TRBS
DATE RELEASES	5/74
RANGE GRAM! FISH	
AVE. GRAM/ FISH	266.8 26.3 56.9
TOTAL WEIGHT (KGS)	4.063.7 3.851.9 432.7
NUMBER OF MIGRANTS	151,400
NUMBER OF SUB- MIGRANTS	
BROOD	1960-71 1972 1972 1973

TABLE 2.--ALASKA CRYSTAL LAKE HATCHERV - ALASKA DEPARTHENT OF FISH AND GAME RELEASE OF- COMO SALMON.

RELEASE	LOCATION						
RELEASE	LOCATION			MENDENHALL R		MENDENHALL R	
RELEASE	LOCATION		CRYSTAL LAKE	JUNEAU TRIBS	MITKOF IS TRBS	JUNEAU TRIBS	MITKOF IS TRBS
DATE	RELEASES		5/74	-	5- 6/75	5/76	5/16
RANGE	FISH						
AVE	FISH		16e3	31.3	31.8	24.7	23.7
TOTAL	KEIGHT	•					5,959,3
NOW BEEN	MIGRANTS	•	289,588	96,187	448,980	92,380	251,400
M CM BER	A ICRANIS	•					
5000 D	VEAR	12-0961	1972	1973	1973	1974	181

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

BROOD	NUMBER OF SUB-	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAN/ FISH	DATE	RELEASE	RELEASE	
12-0961	•	•							
1972-73	0	8	80						
H 4261		17,500	289.4	16.5		6/15			
1975 W		10,000	417.3	1014		91/9	HITKOF IS TRBS		
1975 W		6,500	245.8	37.8		92/9			

TABLE 4.--ALASKA FIRE LAKE HATCHERY - ALASKA DEPARTMENT OF FISH AND GAME RELEASE OF- SPRING CHINOOK SALMON.

WEAR OIL	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE	RELEASE	RELEASE LOCATION	RELEASE
652	G	•	•						
1963	•	400		405			SHIP CR		
		604	1.8	4.5			SHIP CR		
		8.400	127.8	15.1			SHIP CR		
		166,900	772.5	4.6			SHIP CR		
		63.508	1.555.8	24.3			SHIP CR		
		474,500	3,710.8	7.8			SHIP CR		
		82,400	1,288.7	15.6			SHIP CR		
		92,908	2,596.4	27.0			SHIP GR		
		45,700	714.9	15.6			SHIP CR		
		186,700	4.457.0	23.8			SHIP CR		
		30,780	827.8	26.9			WILLOW CR		
		71.800	1.723.7	24.0			SHIP CR		
		168,108	4.458.4	27.8	23.8- 38.2		SHIP GR		
		204.880	4.916.5	2401			SHIP CR		
		8.568	227.7	26.7			HALIBUT LAGOON		
		83.508	2,404,9	28.8		6/75	SEWARD LAGOON		
		196.908	3.852.8	19.6			SEMARD LAGOON		

	RELEASE LOCATION																													BEAR L
	RELEASE LOCATION																												SHIP CR	
AND GAME	RELEASE		BEAR L	BEAR L	BEAR L	BEAR L	BEAR L	SHIP CR	SEWARD LAGOON	SHIP GR	BEAR L	SEMARO LAGOON	SHIP CR	BEAR L	BOX CANYON CR	SEMARD LAGOON	SHIP CR	BEAR L	SEMARD LAGOON	SHIP CR	BEAR L	SEWARD LAGOON	BEAR L	SHIP CR	SEMARD LAGOON	BEAR L	SHIP CR	SEMARD LAGOON		
NT OF FISH	DATE RELEASES		11-12/63	49/6	67/65									-			77.7									6/73		1		
ALASKA DEPARTHENT OF FISH AND GAME	RANGE GRAM/ FISH					0.5- 1.6	2.5- 3.4																							
	AVE. GRAM/ FISH		5.1	2.7	4.7	1.0	2.7	22.6	25.2	33.8	33.0	31.2	4 3. I	43.8	43.6	41.8	31.7	31.6	32.8	31.2	29.3	27.0	0.5	55.5	51.0	9.0	47.9	48.2	44.6	38.1
5ALASKA E HATCHERY OF- COMO SALMON.	TOTAL WEIGHT (KGS)		763.4	116.1	333.4	277.6	683.5	2,932,5	1,068.7	3,804.7	1,584.4	845.9	7,654.8	288.8	139.7	1.670.1	964.3	1,615,7	349.3	2,743.8	4,559.5	1,795.8	237.2	4,048,3	1,542.2	302.1	4,339.1	4,821.2	9,230,2	8,619.2
TABLE 5 FIRE LAKE HA RELEASE OF-	NUMBER OF MIGRANTS	0						129,300	42,400	112,400	47,900	27,100	177,280	6,400	3,200	39,988	38,488	51,000	10,900	87,700	155,500	66,508		77,180	30,200		005 06	100.000	206,800	225,880
	NUMBER OF SUB- MIGRANTS	0	148,000	43,000	69,800	360,100	246,480																450,000			443,300				
	BROOD YEAR	1958-61	1962	1963	1964	1965	9961	9961	9961	1961	1961	1961	1968	1968	- 368	1968	6961	6961	1969	1970	1970	1970	1371	1261	1261	1972	1972	1972	1973	1 97 4

		HALIBUT RELEASE	COVE LAGOON - ALASKA DE	CHINOOK	- ALASKA DEPARTMENT OF FISH AND GAME OOK SALMON.	IENT OF FISH	AND GAME		
BROOD	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE	RELEASE	RELEASE	RELEA
968-71 972 973 974	•	7.882 7.162	576.5 280.9 317.1	73.1 28.1 19.5		9-10/74	HALIBUT LAGOON HALIBUT LAGOON HALIBUT LAGOON		

	RELEASE	
	RELEASE LOCATION	
AND GAME	RELEASE LOCATION	HALIBUT LAGOON HALIBUT LAGOON HALIBUT LAGOON HALIBUT LAGOON HALIBUT LAGOON HALIBUT LAGOON
ALASKA DEPARTMENT OF FISH AND GAME	DATE	9774 7-8775 10775 5-6776 9776 10776
LASKA DEPARTI	RANGE	
	AVE. GRAM/ FISH	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
7ALASKA COVE LAGOON OF- COHO SALMON.	TOTAL WEIGHT (KGS)	400 4400 4400 4400 4400 4400 4400 4400
TABLE HALIBUT RELEASE	NUMBER OF MIGRANTS	7,956
į	NUMBER OF SUB- NIGRANIS	2,988 1,636 9,568 2,077 232,829
	BROOD	1960-71 1972 1974 1974 1974 1975

TABLE 8ALASKA - ALASKA DEPARTMENT OF FISH AND GAME MENDENHALL POND - ALASKA DEPARTMENT OF FISH AND GAME RELEASE OF- SPRING CHINOOK SALMON.	SPRING CHIN	
LE 8ALASKA DENHALL POND EASE OF- SPRING CHIN	TABLE 8ALASKA MENDENHALL POND RELEASE OF SPRING CHIN	
LE 8ALASKA DENHALL POND EASE OF- SPRING CHIN	TABLE 8ALASKA MENDENHALL POND RELEASE OF SPRING CHIN	
TABLE 0ALASKA MENDENHALL POND RELEASE OF SPRING CHIN		
TABLE 8# MENDENHALL PO RELEASE OF-		

BROOD NUMBER YEAR OF SUB-		NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE	RELEASE	RELEASE	LOCAT
1-71	•	•	•	1					
2		See of the see	-455	5.7		5- 6/74	MINDER MALL D		

S INDINGINA	CNUG	AL ACKA	DEDABTMENT	OF FTCH	CNY	CAME
The state of the s	NOW 142 CHOS	-	-	3		1

RELEASE LOGATION	
RELEASE LOGATION	
RELEASE	MENDENHALL R MENDENHALL R MENDENHALL R MENDENHALL R MENDENHALL R
DATE	5- 6/74 5- 6/74 5/75 5/75
RANGE BRAM/ FISH	
AVE. GRAM/ FISH	2.2 2.2 6.3 32.3 28.9
TOTAL WEIGHT (KGS)	8-6-5 67-6 2-8-0 3-132-1
NUMBER OF MIGRANTS	96,679
NUMBER OF SUB- MIGRANTS	3,684
BROOD	1960-71 1972 1972 1973 1973

TABLE 18.--ALASKA STARRIGAVIN POND - ALASKA DEPARTMENT OF FISH AND GAME RELEASE OF- SPRING CHINOOK SALMON.

RELEASE				
RELEASE LOCATION				
RELEASE		5/73 STARRIGAVIN CR		9/75 STARRIGAVIN CR
DATE		6/13		9/15
RANGE GRAM/ FISH				
AVE. GRAN/ FISH		47.2		34.3
TOTAL WEIGHT (KGS)	•	458.6	0	78.8
NUMBER OF MIGRANTS	•	9,918	•	2,863
NUMBER OF SUB- MIGRANTS	•		•	
PROOD YEAR	1960-78	1261	1972-73	1974

STARRIGAVIN POND	POND	•	ALASKA	DEPARTMENT	OF FISH	SH AND	GAME
RELEASE OF-	COHO	SALMON.					

RELEASE	
RELEASE LOCATION	
RELEASE LOCATION	STARRIGAVIN GR STARRIGAVIN GR STARRIGAVIN GR STARRIGAVIN GR STARRIGAVIN GR
DATE RELEASES	6- 7/73 6- 7/74 6/75 7- 8/75 5/76
RANGE GRAM/ FISH	15.7 - 50.3 \$.3 - 8.8
AVE. GRAM/ FISH	26.5 20.5 20.5 60.5 60.5
TOTAL AVE. WEIGHT GRAM/	6.045.7 6.045.0 1.083.0 8.22.0 7.85.0
NUMBER OF MIGRANTS	36,837 226,553 93,461 27,817 183,878
NUMBER OF SUB- HIGRANTS	•
BROOD	1960-70 1972 1973 1973

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

RELEASE	
RELEASE LOCATION	
RELEASE	PORT WALTER
DATE	5/73
RANGE FRAN/ FISH	
AVE. GRAM/ FISH	12.9
TOTAL WEIGHT (KGS)	9 80
NUMBER OF MIGRANTS	7,261
NUMBER OF SUB- MIGRANTS	10
BROOD	1961-66

TABLE 13.--ALASKA LITTLE PORT WALTER - NATIONAL MARINE FISHERIES SERVICE RELEASE OF- COND SALMON.

	RELEASE												
	RELEASE LOCATION												
	RELEASE		BARAMOF TRIBS	L PORT WALTER	BARANOF TRIBS	L PORT WALTER		BARANOF TRIBS	L PORT WALTER	4- 9/74 L PORT HALTER		L PORT WALTER	I PORT WALTER
	DATE		1/68	6/70	01/9	11/9		6/72	5/73	4- 9/74		10/75	3- 6176
	SANGE GRAM/ FISH												
2000	AVE. GRAM! FISH		4.0	12.2	7.0	45.2		4.0	5.9	10.0		10.6	12.1
	TOTAL WEIGHT (KGS)	•	9.1	3.2	5.4	18.1	0	59.9	64.0	1,743.5	(3)	577.8	1.877.0
ערדראור מ	NUMBER OF MIGRANTS	•		261		400	4			173,000		54,419	154.5
	NUMBER OF SUB- MIGRANTS		20,000		12,000		0	132,000	10.789		•		
	BROGD	1961-66	1961	1968	1969	6961	0 26 1	1 261	1261	1972	1973	1 97 %	100

TABLE 14..--ALASKA LITTLE PORT WALTER - NATIONAL MARINE FISHERIES SERVICE RELEASE OF- SOGKEYE SALMON.

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

RELEASE	TSBLUM R COLO GR
RELEASE	CAPILANO R PUNTLEDGE R L QUALICUM R CAPILANO R L QUALICUM R COLD GR
RELEASE LOCATION	BIG QUALICUM R EGAPILAND R EAPILAND R BIG QUALICUM R
DATE	6-7/68 7-8/69 4-6/71 7-8/71 7-8/71 6-7/73 6-7/73 6-7/74
RANGE GRAH/ FISH	3.5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -
AVE. GRAM/ FISH	0 0 4 0 4 0 4 0 6 6 6 6 6 6 6 6 6 6 6 6
TOTAL MEIGHT (KGS)	2, 579.7 317.5 453.1 237.3 1, 353.0 1, 353.0 1, 589.0 1,
NUMBER OF MIGRANTS	147,000 468,800 67,500 299,000 217,000 344,592 230,782
NUMBER OF SUB- MIGRANTS	536,000
BROOD	1959-66 1967 1970 1971 1971 1971 1973 1975

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

NUMBER	NUMBER	TOTAL	AVE	RANGE	DATE	RELEASE	RELEASE	RELEASE
F SUB-	0F	WEIGHT	GRAM	SRAMI	RELEASES	LOCATION	LOCATION	LOCATION
MIGRANTS	HIGRANTS	(KGS)	FISH	FISH				
•	•	•						
7.000		2103	3.0		6/68	OYSTER R		
	69,000	1,134.0	16.4		5/78	BIG QUALICUM R		
316.800		110.2	m .		6110	CHEMANINUS R	KOKSILAH R	MODDHUS CR
	88,000	1,21101	13.7		12/4	BIG QUALICUM R		
550,000		60161	8.3		5/71	CHEMANINUS R	KOKSILAH R	MODDHUS CR
4.500		16.3	3.6		8/71	BIG QUALICUM R		
	210,000	3,401.9	16.1		3- 5/72	BIG QUALICUM R		
772,000		269.4	0.3		3- 5/72	CHEMANINUS R	HUNTS GR.	KOKSILAH R
	183,000	2,856.3	15.6	15.1- 18.1	5- 6/73	BIG QUALICUM R		
10,000		3.5	0.3		4173	WOODHUS CR		
	182,724	3,584.0	1.61		5- 6174	BIG QUALICUM R		
	377,796	9,520.5	25.2		5115	BIG QUALICUM R		
	674.214	17.884.2	26.5		5/16	BIG QUALICUM R		

TABLE 17.--BRITISH COLUMBIA BIG QUALICUM HATCHERY - CANADIAN FISHERIES AND MARINE SERVICE Release of- Steelhead Trout.

BR000 YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	SANGE GRAM/ FISH	DATE	RELEASE Location	RELEASE Location	RELEASE
99-6	•		•						
7-72	0	0	6						
1973. H		10,918	235.4	21.5		5/74	916	HUNTS CR	
*	9,761		201.4	20.6		5/15	BIG		
*		23,085	1,163.5	50.4		5/15	BIG QUALICUM R		
2		29.899	1.211.1	4		5/76	RIG		

TABLE 18.--BRITISH COLUMBIA Capilano matchery - Canadian fisheries and marine service Release of- fall chinook salmon.

RELEASE LOCATION

RELEASE							
RELEASE		CAPILANO R	HARRISON R	CAPILANO R	CAPILANO R		CAPILANO R
DATE		7172	7172	6/73	42/9		91/9
SANGE GRAN! FISH							
AVE. GRAM/ FISH		501	1049	5.3	5.0		5.8
TOTAL WEIGHT (KGS)		1,727.3	791.5	1,595.3	1049505	c	2,552,8
NUMBER OF MIGRANTS	•	338,150	165,825	298,967	298,452	0	435,031
NUMBER OF SUB- MIGRANTS	•					0	
BROOD	1958-70	1261	1 25 1	1972	1973	4 161	1975

TABLE 19.--BRITISH COLUMBIA Gapilano Hatchery - Canadian Fisheries and Marine Service Release of- Coho Salmon.

RELEASE	
RELEASE	
RELEASE	CAPILANO R Capilano R Capilano R
DATE RELEASES	6/73
RANGE STANKE	12.9- 30.2
AVE. GRAM/ FISH	3.5
TOTAL WEIGHT (KGS)	5,469.9 4,571.3
NUMBER OF MIGRANTS	284,687 255,898 385,246
NUMBER OF SUB- MIGRANTS	
BROOD	1958-70 1971 1972 1973

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

	RELEASE						
	RELEASE						
	RELEASE			CAPILANO R	CAPILANO R		CAPILANO R
	DATE			6/13	2/14		9119
	FISH						
SIECENCE INCOME	AVE. GRAM/ FISH			21.8			15.2
	TOTAL	•	39	908.5	1,19507	0	471.7
NEELENSE OF	NUMBER OF MIGRANTS	•	a	41,656	12,181	co	38,878
	NUMBER OF SUB-	•	a			0	
	BROOD	1958-70	1 26 1	1972 W	1973 W	4 16 1	1975 W

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

RELEASE

	RELEASE LOCATION								
	RELEASE		PUNTLEDGE R						
	DATE RELEASES		-9		6- 7/73	41/9	5175	6/15	91/9
	FISH		4.2- 4.4		5.7. 5.5				
S WOONTH	SRAM!		403	64.7	5.8	5.8	103.0	6.8	4.7
ארוריים כו שוני מודיים עו מודיים עו	TOTAL WEIGHT (KGS)	•	36.6	328.4	391.9	60000	1,40201	274.0	1,452,3
75617	NUMBER OF MIGRANTS	4.	19,831	5,070	661,199	101,963	13,600	39,878	306,745
	NUMBER OF SUB: HIGRANTS	•							
	BROOD	1959-70	1 97 1	1 261	1972	1973	1973.	1974	1975.

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

TABLE 23.--BRITISH COLUMBIA Quinsam Hatchery - Camajian Fisheries and Marine Service Release of- Coho Salmon.

BROOD	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AL AVE. GHT GRAM.	RANGE SRAM/ FISH	DATE RELEASES	RELEASE	RELEASE LOGATION	RELE/ LOCAT
1959-72 1973 1974	19	1,439,959	39,697.8	27.5		4- 5/76	4- 5/76 QUINSAM R		

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

BROOD	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	GRAM/ FISH	GRANGE	DATE	RELEASE	RELEASE LOCATION	RELEASE
-73	•	•	•						
4 261	0	8	0						
3		10.00	1 127 2	2 2 2		22/0 23	OHITMCAM D		

TABLE 25.--BRITISH COLUMBIA Robertson creek Hatchery- Canadian Fisheries and Marine Service Release of- Fall Chinook Salhon.

RELEASE										
RELEASE LOCATION										
RELEASE LOCATION		ROBERTSON CR	SPROAT R	ROBERTSON CR						
DATE		6/12	6/73	4114	5- 6/74	10/74	3/15	6/15	6/15	5- 6/76
A POSTANCE FINANCE					4.9- 6.3				207- 404	
AVE. GRAM/ FISH		6.4	5.6	90.7	6.1	35.7	41.2	5.7	2.8	5.1
TOTAL WEIGHT (KGS)		147.4	6.194.9	95.3	9,794.0	822.8	3,007.8	8,453.1	672.2	6.086.4
NUMBER OF MIGRANTS	•	30,800	1,150,000	1,050	1,592,093	23,844	72,939	1,460,600	239,763	962,099
NUMBER OF SUB- MIGRANTS	•									
BROOD	1959-78	1 26 1	1972	1972	1973	1973	1973	1974	1 97 4	1975

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

	RELEASE LOCATION				
	RELEASE				
	RELEASE		ROBERTSON CR	ROBERTSON CR	ROBERTSON CR
	DATE		4114	4/15	2116
	FRANCE				
ALHON.	GRAN. FISH		19.7	30.2	28.8
OF COMO SALMON	TOTAL WEIGHT (KGS)		888.8	2,885,5	7,262.8
KELEASE OF	NUMBER OF MIGRANTS	٠	44,536	92,781	251,357
	NUMBER OF SUB- MIGRANIS	•			
	PEAR	1360-71	1972	1973	1974

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

RELEASE	
RELEASE LOGATION	
RELEASE LOGATION	ROBERTSON CR ROBERTSON GR
DATE	5/75
RANGE GRAM/ FISH	
AVE. GRAM/ FISH	37.7
TOTAL WEISHT (KGS)	66 S
NUMBER OF MIGRANTS	2,627
NUMBER OF SUB- MIGRANTS	10
BROOD	1959-70 1971-73 1974 H

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

SAH	NUMBER OF MIGRANTS	WEIGHT (KGS)	AVE. GRAM/ FISH	FERE	DATE	RELEASE LOCATION	RELEASE Location	RELEASE LOGATION
	40,048	545.2	13.6	11.5- 16.1	6/73			
N	3,300	303.8	13.0		42/9			
	12,169	113.9	4.6		11/74			
4	2,648	2,311.1	16.2	5.8- 32.3	4- 6/75	ROSEWALL CR		
20.	660	306.4	10.7		6176			

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

RELEASE	
RELEASE	MALCOTT SLOUGH WALCOTT SLOUGH
RELEASE LOGATION	9 QUILICENE R B QUILICENE R
DATE RELEASES	5/68 5-6/63 6/65 5-6/63 6/65 5-6/63 6/65 5-6/63 6/70
RANGE GRAN/ FISH	2
AVE. GRAH! FISH	M - C C C C C C C C C C C C C C C C C
TOTAL WEIGHT (KGS)	2,7770 2,7770 2,7770 2,7770 2,7770 2,7770 2,7770 2,7770 2,9770 2,
NUMBER OF MIGRANTS	462,275 462,079 709,001 651,097 2,316,591 1,663,611 2,022,947 1,162,947 1,162,730 1,354,730 1,354,730 1,163,746 456,480 871,487 1,067,810
NUMBER OF SUB- MIGRANIS	1,139,800
BROOD	1959 1960 1961 1961 1963 1964 1966 1966 1967 1972 1973 1973 1974 1975

TABLE 30.--COASTAL WASHINGTON QUILCENE HATCHERY - US FISH AND WILDLIFE SERVICE RELEASE OF- COHO SALMON.

1		RELEASE	0F- COM0	SALMON					
BROOD	NUMBER	NUMBER	TOTAL	AVE.	ZANGE	DATE	RELEASE	RELEASE	RELEASE
YEAR	MIGRANTS	MIGRANTS	(KGS)	FISH	FISH	RELEASES	LOCATION	LOCATION	LOCATION
1958		522,480	7,729.2	1407		1/60	QUILICENE		
6561		4119734	==	12.4	9.2- 14.6	2- 3/61	B QUILICENE R		
1961		430,560	6,216,5	4040		1- 4/62	QUILICENE		
1961		448,050	6,244.6	13.9	-	2- 3/63	QUILICENE		
1962	185,000		237.7	2.2		6/63			
1962		551,888	7,998.2	14.2	·1- 15.		LICENE		
1963	325,150		1,182,1	3.6	2.8- 4.6	2- 1/64	DOK CR	MOCLIPS R	
1963		163,110	2,31101	- 4		29/6	4		
1963		976,718	12,896,1	13.2		4- 5/65	N PUGET SOUND		
1961	162,820		435°4	2.6	2.3- 3.1	1/65	OOK CR	MISSION CR	
1961	25,000		33.6	E . 3		6/65			
1961		1,070,180	15,581.4	405	12.2- 15.6	3- 4/66			
1965	249,160		96.6	0.3			B QUILICENE R		
1965	215,900		6.049	2.9	1.5- 12.2	99/6 -9			
1965		19178,018	19,203,3	16.3		4/67	B QUILICENE R		
1966	380,000		618.1	9.0		4- 6/67	C		
1966	200,000		226.8		3.7. 2.2	19/5 -4			
9961	1,271,170		15,870.7	12.4	11.3- 12.9	19/11-6	B QUILICENE R		
9961		504,231	7,518.7	6.41			LICENE		
1961	319,100		948.5	5.9	1.5- 9.4	5- 8/68	CSTL		
1961	200,000		464.5	2.3			N PUGET SOUND		
1961		120,156	1,758.1	14.6		7	NCSTL WASH		
1961		408,569	5,252,6	12.8	- 10	- 3/6	CSTL MA		
1961		590,679	7,449.8	12.6	11.5- 15.1	5- 3/69			
1 96 8	180,000		56.2	D . 3		69/4	B QUILICENE R		
1968	582,332		3,574.3	6.1		8/69	ш		
1968		205,345	2,788.5		- 14.		S		
9961		761,639	8,851.4		10.7- 13.7		PUGET SOUN		
1969	751,600		262.6	0.3		2- 3/70	B QUILICENE R		
6961	479,402		445.8	6.0			QUILICENE		
6961		582,657	7,867,1	13.5	11.6- 15.6	2- 4/71	8 QUILICENE R		
6961		215,876	3,372,0	15.6		12/5	CSTL MASH		
1970	483,580		137.8	0.3		3/71			
0 161	52,430		48503			-	B QUILICENE R		
1970		118,573	4041160	7.71	100 - 1001	0			
1261	867,725		31201	m -		3- 5/12	B QUILICENE R		
126	~	2004000	1933900	- 00	31 16	2 5/13			
1 161	000	7000475	1006400	*	6 - 2		COLLICENE COLLICENE		
2/61	20166.00	270 000	2 200 2	6.0	- 0		D COLLITCING O		
1916			A 8 8 5 1	7.5			CATI WASH		
7 16 1	24.2 800		2.086.5				TUENE		
1973	2000000	579.545	3 N			3- 5/75	QUILICEN		
1973		500-520	7.788.2	15.5			1		
7261	673.000		295			2- 3/75	QUILICENE		
1974	, , , , , ,	580,184	10,963.8	18.8			QUILICEN		
4 161	284,632			6 · 4		1176	S		

TABLE 30. -- CONTINUED.

RELEASE	
RELEASE LOCATION	
RELEASE LOCATION	NCSTL WASH B QUILICENE R
DATE	4- 5/76
RANGE	
AVE. GRAM/ FISH	80 CO
TOTAL WEIGHT (KGS)	9,448.3
NUMBER OF MIGRANTS	500,016
NUMBER OF SUB- MIGRANTS	259,320
BROOD	4761

TABLE 31.--COASTAL WASHINGTON QUILCENE HATGNERY - US FISH AND WILDLIFE SERVICE RELEASE OF- GMUM SALMON.

RELEASE																		Н9					Н9			WALCOTT SLOUGH	
RELEASE																		WALCOTT SLOUGH					WALCOTT SLOUGH				MAI COTT SI DIIGH
RELEASE		WALCOTT SLOUGH															MALCOTT SLOUGH					WALCOTT SLOUGH	HISSION CR			HOOD CANAL TRB	DE NOTONIA
DATE		4/60	4/61	5/62	6/62	4/63	7/63	49/4	49/9	29/5	6/65	4- 5/66	99/9	4- 6/67	4/68	69/5 -4	4/78	4- 5/71	5- 6/71	4- 5/72	6172	4- 5/73	5- 6/73		3- 5/75	5- 6/75	
SANGE	FISH																		6.1 -4.1				1.2- 2.1			1.1- 2.4	
AVE.	FISH	0.3	(C)	200	6.1	60	107	B.3	6.0	8 93	1.1	E . 3	300	۳° ۵	0.3	0 3	8.3	0.3	0	E . 0	1.7	9	_			9.4	- 0
TOTAL	(KGS)	1.792.1	371.9	487.6	488.5	184.2	8000	1,182.2	907.2	367.9	568 .2	518.5	889°7	1,315,9	1,081.8	732.6	1,445,5	2,058.4	19146.7	822 0 4	1,852,5	965.3	2,178,5	0	1,634,03	3,140.7	0 648
NUMBER	HIGRANTS				248-075		465,777		926,800		496,626		264,895						624,740		1,055,270		1, 136,418	4		1.899.590	100 100 1
NUMBER OF SIR-	MIGRANTS	5.296.770	1.102.675	1.278.800		547.916		3, 159,000		1.057,096		1,542,870		3,774,000	3,897,224	2,100,000	4. 161.932	5.848.800		2,725,980		2.788.000		c	6.669,800		
88000	2	90	1068	1961	1 90	200	1067	963	963	1961	196	965	1965	1966	1967	828	969	1970	1970	1 27 1	1 47 1	1972	1972	1973	1976	1074	

TABLE 32.--COASTAL WASHINGTON QUILCENE HATCHERY - US FISH AND MILDLIFE SERVICE RELEASE OF- STEELHEAD TROUT.

RELEASE																
27																
RELEASE LOCATION										DUCKABUSH R		DUCKABUSH R	DUNGENESS R			
RELEASE		B QUILICENE R	B QUILICENE R	B QUILICENE R	8 QUILICENE R	B QUILICENE R	DOSEMALLIPS R	HOOD CANAL TRB	8 QUILICENE R	DOSEWALLIPS R	B QUILICENE R	DOSEWALLIPS R	CLALLUM R	B QUILICENE R	HOOD CANAL TRB	B QUILICENE R
DATE		3/61	4/62	4/63	49/4	4/65	4/65	4/66	4/66	4167	4/67	4/68	4/68	4/68	69/4	69/4
FISH																
GRAN. FISH		43.8	54.6	73.0	64.5	64.8	54.7	55.0	52.1	58.1	58.1	54.0	1.64	53.9	53.2	53.3
TOTAL WEIGHT (KGS)	0	6.044	548.8	737.5	648.5	648.2	1,290.9	2,634.5	521.6	1,685.3	581.5	2,097.4	457.7	557.0	2,637.2	528.4
NUMBER OF MIGRANTS	6	18,031	10,041	460 401	9,928	10,960	19,925	47,988	18,000	29,000	18,000	38,840	9,315	10,315	415.64	9,902
NUMBER OF SUB- MIGRANTS	0															
 R OOD	61	X 000	M	52. H	53. H	E 95	I to	12 ×	Z	¥ 95	N 95	H 25	H 25	M 25	200	1 P.
2 2	195	196	8	96	8	96	8	1 96	1 96 5	8	8	8	196	96	8	8

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

RELEASE													
RELEASE													
RELEASE		COOK GR	COOK GR	-		COOK GR	_	_	-		-	-	-
DATE		5- 6/69	6/70	4171	12/9	6/12	6-10/73	4219	10/74	6115	8/15	9119	1116
FISH			4.8- 5.6				9.2- 37.7				23.5- 25.1		
SRAM/ FISH		3.4	5.0	0.6	40-	9.2	23.0	9.0	34.8	8.0	22.3	0.0	19.5
TOTAL WEIGHT (KGS)		3,019,5	3,394.7	153.8	3,551.2	4,289.3	14,296,3	15,055.2	11,103,9	2,647,02	7,067,0	9,149.0	7,084.2
NUMBER OF MIGRANTS	•	867,084	672,204		862,880	452,700	619,420	1,562,100	318,261	327,650	315,656	908,900	361,600
NUMBER OF SUB- MIGRANTS	•			242,000									
BROOD	19-6561	1968	6961	0 16 1	0.261	1 261	1972	1973	1973	4 161	4 26 1	1975	1975

TABLE 34.--CDASTAL WASHINGTON QUINALT HATCHERY - US FISH AND WILDLIFE SERVICE RELEASE OF- COND SALMON.

BROOD NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE RELEASE RELEASE YEAR OF SUB- OF SUB- FISH FISH FISH RELEASE LOCATION										
HIGRANTS MIGRANTS (KGS) FISH FISH 208,000 4,123.6 20.6 106,560 1,616.6 15.1 132,000 4,123.6 21.5-23.8 3-1770 COOK GR 155,650 299,400 9,323.1 31.1 270,301 11,045.4 40.8 133,080 76,000 GR 133,080 76,000 33,975.4 29.2 1,61,000 33,9	00 %	NUMBER OF SUB-	NUMBER	TOTAL	AVE. GRAM/	RANGE	DATE	RELEASE	RELEASE	RELEASE
208,000 4,123.6 20.6 15.1 C00K GR 195,000 1,616.6 15.1 C0.5 23.8 3-5/71 C00K GR 132.4 1.2 0.7 2.0 3-5/71 C00K GR 675.9 12.1 0.0 0.8 0.7 0.0 0.8 0.7 0.0 0.8 0.7 0.0 0.8 0.7 0.0 0.8 0.7 0.0 0.8 0.7 0.0 0.8 0.7 0.0 0.8 0.7 0.0 0.8 0.7 0.0 0.8 0.7 0.0 0.8 0.7 0.0 0.8 0.7 0.0 0.8 0.7 0.0 0.8 0.7 0.0 0.8 0.7 0.7 0.0 0.8 0.7 0.7 0.0 0.8 0.7 0.7 0.0 0.8 0.7 0.7 0.0 0.8 0.7 0.7 0.0 0.8 0.7 0.7 0.7 0.0 0.8 0.7 0.7 0.7 0.0 0.8 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7		HIGRANTS	HIGRANTS	(KGS)	FISH	FISH				
208,400 4,123.6 20.6 4770 COOK CR 106,500 1,616.6 15.1 2.5 23.8 3-5/71 COOK CR 132.4 1.2 1.2 1.7 2.0 3-5/71 COOK CR 270,300 4,599.4 23.5 12.1 3.1 60.7 60.0 CR 270,300 11.045.4 40.8 37.3 COOK CR 18,000 40.8 1.1 61,000 33.975.4 29.2 477 COOK CR 4774 COOK CR 1,161,000 33.975.4 29.2 477 COOK CR 4774 COOK CR 1,161,000 33.975.4 29.2 8.6 4774 COOK CR 4774 COOK CR 1,161,000 33.7 60.8 6.567.5 11.7 87.7 COOK CR 1,179,300 37.7 69.3 32.0 3.7 50.0 CR 1,179,300 37.7 69.3 32.0 3.7 50.0 CR 4774 COOK CR 1,179,300 37.7 69.3 32.0 3-5/75 COOK CR 1,179,300 37.7 69.3 32.0 3-5/75 COOK CR 1,179,300 37.7 69.3 32.0 3-5/75 COOK CR 1,179,170 11.0 COOK CR 1,179,300 29.2 28.8 4776 COOK CR 1,179,170 11.0 COOK CR 1,180,175 11.0 29.2 28.8 7.0 5.8 - 8.7 7 - 8/76 COOK CR 1,179,170 11.0 COOK CR 1,180,175 1	19-1	•		1. date						
106,560			208,000	4,123.6	20.6		02/4	COOK GR		
195,000	-		106,560	1,616.6	15.1		-	COOK GR		
106,700	_		195,000	4°2669°4	23.5	21.5- 23.8		COOK CR		
55,650 299,400 9,323,1 31,1 600K CR 270,300 11,045,4 40.8 3/72 600K CR 3/73 600K CR 3/73 600K CR 18,000 33,975,4 29,2 47,4 600K CR 3/74 600K CR 1,161,400 33,975,4 29,2 4,774 600K CR 6K		106,700		132.4	1.2	3.7- 2.0	-	COOK CR		
299,400 9,323,1 31,1 672 C00K CR 270,300 11,045,4 40,8 3/73 C00K CR 18,000 C		55,650		615.9	12.1		8/71	COOK CR		
270,388 11,045.4			299,400	9,323,1	3101		4172	COOK CR		
18,000			270,300	11.045.4	40.8		3/73	COOK GR		
133,080			18,000	488°7	40.8		3/73	COOK CR		
133,080			1,161,803	33,975.4	29.5		4174	COOK CR		
784,832 28,156,3 28,6 4-5/75 MOCLIPS R NCSTL 232,368 6,587,5 28,3 58,3 5/75 HUMPTULIPS R 1,039,029 31,789,1 30,5 3-5/75 C00K GR 1,179,308 37,769,3 32,0 3-4/76 C00K GR 4/76 MOCLIPS R NCSTL 144,667 4,525,5 31,2 4/76 HUMPTULIPS R NCSTL 329,628 2,326,9 7.8 5,8-8,7 7-8/76 C00K GR NCSTL		133,080		1,566.3	11.7		42/6	COOK CR		
232,368 6,587.5 28.3 5.75 HUMPTULIPS R 1,039,029 31,789.1 30.5 3-5/75 COOK GR 1,179,300 37,769.3 32.0 3-4/76 COOK GR 4,18,175 11,829.2 28.8 4/76 MOCLIPS R 1,44,667 4,525.5 31.2 4/76 HUMPTULIPS R 329,620 2,326.9 7.0 5.8- 8.7 7- 8/76 COOK GR			784,032	20,156.3	28.6		4- 5/75	MOCLIPS R	NGSTL WASH	
1,039,029 31,789.1 30.5 3-5/75 C00K GR 1,179,300 37,769.3 32.0 3-4/76 C00K GR 4,18,175 11,829.2 28.8 4/76 MOCLIPS R NCSTL 144,667 4,525.5 31.2 4/76 HUMPTULIPS R 329,620 2,326.9 7.0 5.8- 8.7 7- 8/76 C00K GR NCSTL			232,368	6,587.5	28.3		5115	HUMPTULIPS R		
179,300 37,769,3 32.0 3-4/76 C00K GR			1,039,029	31,789.1	30.5		-	COOK GR		
418-175 11-829-2 28-8 4/76 HOCLIPS R NCSTL 144-667 4-525-5 31-2 4/76 HUMPTULIPS R NCSTL 329-620 2-326-9 7-0 5-8-8-7 7-8/76 COOK GR NCSTL			1,179,300	37,769.3	32.0			COOK GR		
329,620 144,667 4,525.5 31.2 4,76 HUMPTULIPS R 329,620 2,326.9 7.0 5.8- 8.7 7- 8/76 COOK GR NGSTL			418,175	11,829.2	28.8		-	HOCLIPS	NGSTL WASH	
329,620 2,326,9 7.0 5.8- 8.7 7- 8/76 COOK GR NCSTL			144,667	4,525.5	31.2		4/76	HUMPTULIPS R		
		329,620		2,326,9	7.0		11.00	COOK GR		

TABLE 35.--CDASTAL MASHINGTON
QUINALT HATCHERY
- US FISH AND WILDLIFE SERVICE
RELEASE OF- SHUN SALMON.

	RELEASE										
	RELEASE										NCSTL HASH
	RELEASE			100		100		77.75			COOK GR
	DATE			5- 6/70	12/9	12/9	5- 6/72	5/73	5/74	5- 6/75	5- 6/76
	RANGE BRANG FISH										2.3- 3.0
ALRON	AVE. GRAM/ FISH			3.1	0.3	4.	2.0	3.3	3.3	2.6	2.5
OT STOR SALACIN	TOTAL WEIGHT (KGS)	•	a	128.7	170.1	166.9	2,356.0	264.8	653.2	8,426.8	10,535,6
ACECASE OF	NUMBER OF MIGRANTS	•	C	38,559		114,748	1,139,240	79,640	193,080	3, 193, 978	4. 128.477
	NUMBER OF SUB- MIGRANTS	•	•		505,000						
	PEAR	1958-67	1968	6961	1970	1970	1461	1972	1973	4 161	1975

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

RANGE DATE RELEASE GRAN/ RELEASES LOCATION FISH			5112		5/74 C00K CR		5/75 C00K	
AVE. GRAM/ FISH			0.6	59.0	74.3		2.69	56.1
TOTAL WEIGHT (KGS)	•	œ	9.5	13,061.7	1,331,3	-	3,384,3	9.349.9
NUMBER OF Migrants	•	0		221,005	17,906	0	48,500	166.600
NUMBER OF SUB- MIGRANTS	•	0	15,800			0		
PEAR 0	29-65	168-71	172 W	972 W	972 W	973	M 416	W 579

TABLE 37.--COASTAL WASHINGTON

- WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BR000	NUMBER	NUMBER	TOTAL	AVE	ZANGE	DATE	RELEASE	RELEASE	RELEASE	
YEAR	MIGRANTS	MIGRANTS	CKGS)	FISH	FISH	KELEASES	LUCALIUN	LOCALTON	201	
1959		1,827,986	2,247,6	1.2		5- 9/60	S PUGET SOUND	JUAN DE FUCA	MCSTL WASH	
1960		622,830	1 . 398 . B	2.5		8- 9/61		DE		
1961		728,841	1.690.1	203	2.0- 5.6	8- 9/62		DE		
1962	346,490		250 0 4	1.0		5/63	S PUGET SOUND	DE		
1962		796,839	1,543.4	2.0	1.5- 4.0	7- 8/63		DE		
1963	392,000		40181	0.0		3/64		DE		
1963		803,632	2,576,9	3.2	2.2- 4.3	49/6 -8		DE	NCSTL WASH	
1961	500,340		34101	9.0		6/65		DE		
1961		1,900,963	3,059,5	1.6		7/65		DE		
1965		1 , 67 2 , 685	2,015,8	1.2	1.1. 2.2	99/1 -9		DE		
1966		1,293,778	3,348.3	2.5		1911		DE		
1961	208,000		14501	0.0		4/68		DE		
1961		817,573	2,22107	2.7	2.4° 5.2	6- 8/68		30		
1968	249,988		133.6	0.5		5/69		DE		
8961		1,154,148	1,906.1	1.6		1169		DE		
6961	161,000		184.3	9.0		6/70	S PUGET SOUND	DE		
6961		569,438	2,027,6	3.5		8/78		DE		
0 161	1,143,561		615.1	0.5		4- 5/71	S PUGET SOUND	DE		
1970		841,517	2,678.8	3.1	2.7- 3.7		S PUGET SOUND	JUAN DE		
1261		89,823	5,625.8	62.6			ELWHA R			
1972		69,682	2,371.4	39.0	37.70 45.3		HAMMA HAMMA R	HOOD CANAL		
1972		12,496	515.3	41.2			S PUGET SOUND	SEQUIM BAY		
1972		235,921	10,255.2	43.5			DUNGENESS R	ELWHA R		
1973		121,325	8,663.6	7104	50.3- 75.5	1- 5/75	ELWHA R			
1973		121,325	8,653.6	71.4	50.3- 75	in	5 1- 5/75	-	I- 5/75 ELWHA R	I- 5/75 ELWHA R

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

Fig. Control											
154.000	AR.	NUMBER OF SUB-	NUMBER	TOTAL	GRAM/	SANGE	DATE RELEASES	RELEASE	RELEASE	RELEASE	
154,001		MICKANIS	MICKANIS	(KES)	FISH	FISH					
154,000 1,269 72,48 1,1,6 1,1,6 1,1,6 1,1,0 1,	.0		176,560	1,397.5	7.9	.5- 9.		DUNGENESS R		30 CAN	
154,000	80		61,269	724.8	8.1	. 11 -9.	5/60				
2,122,150 2,122,150 1,1999, 665 1,1999, 669 1,1999, 6	6	154,000		19.61	8.5		5/60				
161,423 991,665 4794,8 6.9 5.5 12.2 3 - 5/61 DUNGENESS R HOH R HODD GAN	6	2,022,150		1,999.4	6.0		7		1	0	
161,423 393,771 2,9534,7 6,4 4,9 - 11,3 10,00 GAN	6		694,665	4,794.8	6.9						
\$16,650	0	161,423		950.7	5.8		7				
\$ \$16,650 \$ \$66,938 \$ \$10,851 \$ \$1,65 \$ \$1,62 \$ \$1,62 \$ \$1,62 \$ \$1,62 \$ \$1,62 \$ \$1,64	0		393,771	2,534.7	4.9		-				
\$ 1,023,229	0		46,800	850.0	18.1		1/62				
\$\frac{45,990}{25,990}\$\$ \frac{3,007,4}{24,5}\$\$ \frac{6,6}{3,4}\$\$ \frac{4,6}{3,007}\$\$ \frac{1,6}{3,007}\$\$ \frac{1}{3,007}\$\$ \frac{1}{3,007	-	516,650		1,315,9	2.5		7				
1,023,229 25,64	_		464,938	3,074.4	6.6						
1923,229	2	45°900		24.5	0.5		5/63		-		
294.823 7.644.8 25.9 7.5 5.6 4-5/64 DUNGENESS R HOH R HOD CAN BOARD CAN BOAR	2	1,023,229		3,074.9	3.0	.0					
101-930 667-7 6-5 6-4- 6-6 4/65 OUNGENESS R HOH R HOD DAN GENESS R HOH R HOD DAN GENES R HOD R HOD DAN GENES R	~		294,823	7,644.8	25.9				-		
309,906 6,364.8 16.3 12.3-18.8 3-5/65 DUNGENESS R HOH R HOD CAN BE 55.6 4-5/67 DUNGENESS R HOH R HOD CAN BE 55.6 4-5/67 DUNGENESS R HOH R HOD CAN BE 122.764 3,123.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 1	m		101,930	1.199	6.5		4/65		7.7		
\$62,789\$ \$25,672 \$11,715.4 \$45.8 \$30,160 \$122,764 \$3123.0 \$10.0 \$313.1 \$10.0 \$313.1 \$10.0 \$313.1 \$10.0 \$313.1 \$10.0 \$313.1 \$10.0 \$313.1 \$10.0 \$313.1 \$10.0 \$313.1 \$10.0 \$313.1 \$10.0 \$313.1 \$10.0 \$10.	~		389,986	6,364.8	16.3			Carrier 1			
30,160 255,672 11,715,4 45,8 37,7 56,6 4-5/67 DUNGENESS R HOH R HOD CAN 313,0 10,0 10,0 23,8 31,2 30,2 10,0 10,0 23,8 31,2 30,2 10,0 10,0 23,8 31,7 1-4/67 DUNGENESS R HOH R HOD CAN 256,824 9,691,9 37,7 22,6 56,6 1-5/69 DUNGENESS R HOH R HOD CAN 389,410 8,024,0 25,9 23,7 22,6 56,6 1-5/69 DUNGENESS R HOH R HOD CAN 36,9410 8,024,0 25,9 23,4 1 25,9 23,4 1 1,229,2 34,4 1 1,229,2 34,4 1 1,229,2 34,4 1 1,229,2 34,4 1 1,229,2 34,4 1 1,229,2 34,4 1 1,229,2 34,4 1 1,229,2 34,4 1 1,270 DUNGENESS R HOH R HOD CAN 191,760 59,131,5 56,7 22,6 50,3 3-4/72 DUNGENESS R HOH R HOD CAN 191,0 5,300 1,682,0			65,789	2,099.7	33.4		4/66				
30.960 303.0 122,764 3,123.0 25.4 23.8-31.2 10-11/67 0UNGENESS R HOH R HOD CAN 256.912 20.5518.9 256.924 36.7 22.6-56.6 1-5/69 0UNGENESS R HOH R HOD CAN 319.410 8.024.0 25.9 25.6-56.6 1-5/69 0UNGENESS R HOH R HOD CAN 154.144 9.683.7 22.6-56.6 1-6/70 0UNGENESS R HOH R HOD CAN 4/70 0UNGENESS R HOH R HOD CAN 154.144 9.683.7 22.5-50.3 3-4/72 0UNGENESS R HOH R HOD CAN 166.170 6.678.1 166.170 6.678.1 166.170 6.678.1 166.170 6.678.1 166.170 6.678.1 166.170 6.678.1 166.170 6.678.1 166.170 6.678.1 166.170 6.678.1 167.1 105.300 59.360 13.23.7 5.0 105.300 6774 00SEMALLIPS R 105.400 00SEMALLIPS R 105.400 00SEMALLIPS R 105.400 00SEMALLIPS R 105.500 91.059 91.059 91.059	10		255,672	11,715.4	45.8	-					
122,764	.0	30,060		303.0	10.0		8/67	DUNGENESS R	_		
556.912 20.550.9 36.7 20.5-37.7 1-4/60 DUNGENESS R HOH R HODD CAN 256.824 9.691.9 37.7 22.6-56.6 1-5/69 DUNGENESS R HOH R HODD CAN 319.410 8.024.1 25.9 4.71 DUNGENESS R HOH R HODD CAN 154.144 9.683.7 62.8 4.71 DUNGENESS R HOH R HODD CAN 245.355 8.298.0 33.8 22.5-50.3 3-4/72 DUNGENESS R HOH R HODD CAN 191.760 5.131.5 26.7 22.6-30.2 10-12/72 DUNGENESS R HOH R HODD CAN 191.760 5.131.5 26.7 22.6-30.2 10-12/72 DUNGENESS R HOH R HODD CAN 191.760 5.120.1 69.7 32.3-50.3 3-5/73 DUNGENESS R 155.300 13.331.7 51.3 45.3-50.7 22.3/75 DUNGENESS R 105.300 13.231.7 51.3 45.3-64.7 2-3/75 DUNGENESS R 91.059 8.287.1 91.0 75.5-151.1 1-3/76 DUNGENESS R	.0		122,764	3,123.0	25.4	8- 3	-	DUNGENESS R	-		
256,824 9,691.9 37.7 22.6- 56.6 1-5/69 DUNGENESS R HOH R HOD CAN 319,410 8,024.0 25.9 4/70 DUNGENESS R HOH R HOD CAN 154,144 9,683.7 62.8 4/71 DUNGENESS R HOH R HOD CAN 36,026 1,229.2 34.1 1229.2 34.1 1271 DUNGENESS R HOH R HOD CAN 245,355 8,298.8 33.8 22.5-50.3 3-4/72 DUNGENESS R HOH R HOD CAN 191,760 5,131.5 26.7 22.5-50.3 3-4/72 DUNGENESS R HOH R HOD CAN 166,170 6,678.1 40.1 32.3-50.3 3-5/73 DUNGENESS R HOH R HOD CAN 165,300 5,300 5,000 1,682.8 28.3 45.3-64.7 2-3/75 DUNGENESS R 91,059 0,287.1 91.0 75.5-151.1 1-3/76 DUNGENESS R			558,912	20,550.9	36.7	6- 3		DUNGENESS R			
389410 8,024.0 25.9 4/70 DUNGENESS R HOH R HODD CAN 154.144 9,683.7 62.8 4/71 DUNGENESS R HOH R HODD CAN 36,026 1,229.2 34.1 1229.2 34.1 1000 CAN 245.355 8,298.0 33.8 22.5-50.3 3-4/72 DUNGENESS R HOH R HODD CAN 191,760 5,131.5 26.7 22.5-50.3 3-4/72 DUNGENESS R HOH R HODD CAN 166,170 6,670.1 32.3-50.3 3-5/73 DUNGENESS R HOH R HODD CAN 38,381 2,131.5 5.8 50.7 3.7 50.0 6774 DUNGENESS R 59,360 1,682.8 28.3 45.3-64.7 2-3/75 DUNGENESS R 91,059 0,287.1 91.0 75.5-151.1 1-3/76 DUNGENESS R	_		256,824	6.169.6	37.7	6 - 5		DUNGENESS R			
154.144 9.683.7 62.8 4/7! DUNGENESS R HOH R HODD CAN 36.026 1,229.2 34.1 36.026 1,229.2 34.1 36.026 1,229.2 34.1 36.026 1,229.2 34.1 12/7! DUNGENESS R HOH R HODD CAN 191.760 5,131.5 26.7 22.6-30.2 10-12/72 DUNGENESS R HOH R HODD CAN 166.170 6,679.1 32.3-50.3 3-5/73 DUNGENESS R HOH R HODD CAN 38.381 2,120.1 69.7 37.4 DUNGENESS R HOH R HODD CAN 105.300 5,300 1,682.8 28.3 45.3-64.7 2-3/75 DUNGENESS R DOSEMALLIPS R JUAN DE 91.059 8,287.1 91.0 75.5-151.1 1-3/76 DUNGENESS R	•		389,410	8,024.0	25.9		4/70	DUNGENESS R	1		
36,026 1,229.2 34.1 100 CAN 245,355 8,296.0 33.6 22.5-50.3 3-4/72 DUNGENESS R HOH R HODD CAN 191,760 5,131.5 26.7 22.6-30.2 10-12/72 DUNGENESS R HOH R HODD CAN 166,170 6,670.1 32.3-50.3 3-5/73 DUNGENESS R HOH R HODD CAN 30,361 2,120.1 69.7 32.3-50.3 3-5/73 DUNGENESS R 59,360 1,682.8 28.3 45.3-64.7 2-3/75 DUNGENESS R 91,059 0,287.1 91.0 75.5-151.1 1-3/76 DUNGENESS R	œ.		154,144	9,683.7	62.8		17/4	DUNGENESS R			
245,355 8,296.8 33.6 22.5-50.3 3-4/72 DUNGENESS R HOH R HODD CAN 191,760 5,131.5 26.7 22.6-30.2 10-12/72 DUNGENESS R HOH R HODD CAN 166,170 6,670.1 32.3-50.3 3-5/73 DUNGENESS R HOH R HODD CAN 30,361 2,120.1 5,30 69.7 37.4 DUNGENESS R HOH R HODD CAN 105,30 53.3 1,50 5.0 10.74 DOSEMALLIPS R JUAN DE 257,709 13,231.7 51.3 45,3-64.7 2-3/75 DUNGENESS R DOSEMALLIPS R JUAN DE 91,059 8,287.1 91.0 75,5-151.1 1-3/76 DUNGENESS R			36,026	1,229.2	34.1		12/21	DUNGENESS R	-		
191,760 5,131.5 26.7 22.6-30.2 10-12/72 DUNGENESS R MOH R HOOD CAN 166,170 6,670.1 40.1 32.3-50.3 3-5/73 DUNGENESS R 30,381 2,120.1 69.7 37.4 DUNGENESS R 530,380 1,682.8 28.3 67.7 DOSEMALLIPS R 257,709 13,231.7 51.3 45.3-64.7 2-3/75 DUNGENESS R 91,059 8,287.1 91.0 75.5-151.1 1-3/76 DUNGENESS R			245,355	8,298.0	33.8	5- 50		DUNGENESS R	-		
166,170 6,678.1 40.1 32.3-50.3 3-5/73 DUNGENESS R 38,381 2,120.1 69.7 37.4 DUNGENESS R 59,361 5,80.7 5.0 6/74 DOSEMALLIPS R 257,709 13,231.7 51.3 45.3-64.7 2-3/75 DUNGENESS R 91,059 8,287.1 91.0 75.5-151.1 1-3/76 DUNGENESS R	-		191,760	5,131,5	26.7	6- 30	7	DUNGENESS R	-		
38,381 2,120,1 69,7 3/74 DUNGENESS R 550,7 5.0 6/74 DOSEMALLIPS R 59,360 1,682,8 28,3 10/74 DOSEMALLIPS R 257,709 13,231,7 51,3 45,3-64,7 2-3/75 DUNGENESS R DOSEMALLIPS R JUAN DE 91,059 8,287,1 91,0 75,5-151,1 1-3/76 DUNGENESS R			166,170	6,679,1	0,	3- 50		DUNGENESS R			
105,300 59,360 1,682.8 28.3 10.74 DOSEMALLIPS R 257,709 13,231.7 51.3 45.3-64.7 2-3/75 DUNGENESS R DOSEMALLIPS R JUAN DE 91,059 8,287.1 91.0 75.5-151.1 1-3/76 DUNGENESS R	2		30,381	2,120.1	69.7		3/74	DUNGENESS R			
59,360 1,682.8 28.3 10.74 DOSEMALLIPS R 257,709 13,231.7 51.3 45.3-64.7 2-3/75 DUNGENESS R DOSEMALLIPS R JUAN DE 91,059 8,287.1 91.0 75.5-151.1 1-3/76 DUNGENESS R		105,300		530.7	5.0		41/9				
257,709 13,231,7 51,3 45,3 64,7 2-3/75 DUNGENESS R DOSEMALLIPS R JUAN DE 91,059 8,287,1 91,0 75,5-151,1 1-3/76 DUNGENESS R	m		59,360	1,682,8	28.3		-				
4 91,059 8,287.1 91.0 75.5-151.1 1-3/76 DUNGENESS R	m		257,709	13,231.7	51.3	45.3- 64.7		DUNGENESS R		DE	
	*		91,059		91.0	75.5-151 .1		DUNGENESS R			

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

		KELEASE							
BROOD	NUMBER	NUMBER	TOTAL	AVE	A A A A A	DATE	RELEASE	LOCATION	LOCATION
A A A	MIGRANTS	MIGRANTS	(KGS)	FISH	FISH				
1958	593.743		1 . 569° 4	2.6	.2- 5.	1- 4/69	PUGET S	z	NGSTL WASH
1958		386,894	2,791,9	7.1	3- 9	5- 7/60	PUGET S	N DE	STL WA
6261	120,050		un	303	.7 - 5.	01-	PUGET S	N OE	K :
1959	24,770		102.1	4.0			S (N DE	MONTH WANT
1959		792,221	6,117,01	7.7	5. to 11.3	19/9 -4	PUGET SOUN	N .	E 3
1961	287,740			0		•	PUGET S	SUAN DE PUCA	AN THE
1961	4410818		786	6.0	0		PUGETS	200	1 4
1961		1, 374, 966	5,747,9	, so			PUGET	OF	Z
1961	634, 180		282	3.0			PUGET S	OE	NESTL MASH
1961	667,639		1,277.8	6.0	. 9 . 3	8-10/62	PUGET S	N DE	STL WA
1961		2,330	34	14.5	1401 + 1501	18/62	PUGET S	DE	Z :
1961	300,163		1,532,2	5.1	2.1-11.3	2- 4/63	PUGET S	90	Z :
196		46,124	697.2	15.1		5/63	PUGET S	DE	Z :
1962	1.521.417		2,189,9			5-11/63	PUGET S		K
1962		843.361	7.423.5	80	·6- 9.		PUGET S	DE	I
1962		178,838	2,703.9	15.1		3- 4/64	PUGET S	DE	NAM
1963	1.330.086		5,304,3	3.9	~	8-11/64	PUGET S	DE	MAN
290		459.975	6.990.8	1501	.5- 25.	3- 5/65	PUGET S	DE	MAS
496	878.267		3,953,1	4.5	6 -80	1	PUGET S	DE	MAN
496		1.865.768	21.775.6	11.6	.6 - 22	1- 5/66	PUGET S	DE	MAS
1965	670.542		333.8	4.0		5- 6/66	PUGET S	DE	MAS
1965	898,028		1,564.0				PUGET S	JUAN DE FUCA	X
1965	,	1,302,128	251 .	15.5	. 9	5- 6/67	PUGET S	0	MAS
1966		471,818	733.	8.5	4- 210	4- 5/68	PUGET S	DE	M
1967		748,170	7.199.B	9.6	.5° 12°	5/69	PUGET S	OE	IL WAS
1867		62, 825	1,357,1	21.6		69/5	PUGET S	DE	MAN
8		839.295	7,790.4	6	· 8- 10 ·	5- 6/70	PUGET S	N DE	1
8 40		842.843	12,917.4	15.3	.9- 19.		PUGET S	DE	Z
969		180,121	1,584.3	8.7	5- 9	12/4	PUGET S	N DE	4
969		834,829	13,62104	16.3	.0- 20.		PUGET S	DE	K
1970	984.744		308.9	0.3		5- 6/71	PUGET S	DE	STL MA
1970	617,519		39676.4	5.9	0.5-10.3	7-10/71	PUGET	N DE	STL MA
1970	124,983		977.5	7.8		2112	PUGET	N DE	STL MA
0 261		521,358	11,776,2	22.5	.1- 23	5- 7/72	v	N DE FUC	SIL MAS
1 261	610.641		2,639.0	4.3		-	PUGET S	N DE FUC	NESTL WASH
1261		666,331	12,530.0	18.8		5- 7/73	DUNGENESS R	JUAN DE FUCA	
1972			4	6.5		9/13	2		
1972	293,898		6.166	304		400	S	-	
1972		1,160,899	22,575.7	4.61		5- 7/74		JUAN DE FUCA	
1973		1,338,480	25,296.8	8.8		6/12	20 (
1974	000066		136	-		6//9	UNGENESS	200	
4 26 1		196,750	60 F	20.1	16.7- 20.6	4/76	ALLIP	HOOD CANAL INB	
4 161		38,350	M	8			A L	S PUGI SNU IKB	
1974		389,840	9,502.8	24.3		4- 5/76	×		JUAN DE TOCA
1974		151,608	2,975.1	19.6		4/16	HOOD CANAL IKB		

TABLE &D.--COASTAL HASHINGTON
DUNGENESS MATCHERF - MASHINGTON DEPARTMENT OF FISH
RELEASE OF- CHUN SALMON.

WE AR YE AR 959-62	NUMBER OF SUB- MISRANIS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	FERNE	DATE		RELEASE LOGATION	RELEASE
68	0	66°848	9 0	1.2	1.1- 2.2	2/64	DUNGENESS R		
969	1,127,496		341.1	0.3		5/70	DUNGENESS R	JUAN DE FUCA	
		499°588	151.8	0.3		3/76	3/76 DUNGENESS R		

TABLE 41.0--COASTAL MASHINGTON
DUNGENESS MATCHERY - MASHINGTON DEPARTMENT OF FISH
RELEASE OF- PINK SALMON.

RELEASE	
RELEASE	
RELEASE	DUNGENESS R
DATE	02/7
PANGE SRAM/ FISH	
AVE. GRAM/ FISH	0.0
TOTAL WEIGHT (KGS)	42 SS 88 88 88 88 88 88 88 88 88 88 88 88
NUMBER OF MIGRANTS	8
NUMBER OF SUB- MIGRANTS	1,358,674
BROOD	1959-68

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

BROOD	NUMBER OF SUB-	NUMBER	TOTAL WEIGHT	GRAM!	PRANCE	DATE	RELEASE	RELEASE	RELEASE	
	HIBRANIS	CINEMANIA	200	100						
959	•	•								
096	9	63	•							
.196	1,291,347		592.4	÷.0		2- 3/62			1 1	
196		998,218	2,606.8	2.6	2.2- 2.8	29/6			JUAN DE FUCA	
962	32,670		15.0	7.0		1/63			DE	
362		1,059,322	2,528.6	2.3	2.2. 2.7	5/63		_	30	
963	609.760		268.5	0.4		2/64			JUAN DE FUCA	
66.3		2.089.233	6,132,1	2.9	2.5- 3.1	49/5 -4	HOOD CANAL		DE	
96.4	47,124		50.00	0.3		11/64		S PUGET SOUND	DE	
490	60 60 20 B		640.8	-		3/65	HOOD CANAL		30	
95.4		1.683.341	5.913.0	30	3.3- 4.1	5/65			DE	
96 5	21.980		9.5	4.0		1/66			JUAN DE FUCA	
28		1.366.686	5.487.5	4.0	3.7- 4.1	2766			H	
28	153.082		86.5	50		2- 3/67	HOOD CANAL		90	
990	10000	1.623.772	7.814.6	F. 3		5/67		S PUGET SOUND	DE	
967	2.052.582		1.224.2	0.5		2- 3/68		S PUGET SOUND		
200	10/41/041	1.787.489	7.593.1	4.4		5/68		S PUGET SOUND	DE	
900	828.520		488	0.5		3/69			30	
800		2.324.865	11.462.3	6.4		5/69			0E	
0 90		2,721,300	12.522.3	9.4	2.5- 5.6	5/70	HOOD CANAL	S PUGET SOUND	JUAN DE FUCA	
97.0	1.907.588		713.5	0.7		3/71			DE	
070		2.007.200	11,380.6	5.6		1115	HOOD CANAL		JUAN DE FUCA	
1 26		1.786,880	13,973.8	7.8		5/72		S PUGET SOUND	90	
216		2,198,712	15.446.2	7.0	6.8- 11.3	5- 6/73	S PUGT SND TRB			
973		1,663,414	16,264.5	1.6	9.8- 50.3	5-10/74	SKOKOMISH R			
476		694,750	5,883.5	9.4	6.9- 8.5	6- 7/75	SKOKOMISH R	HOOD CANAL TRB		
4 16		78,923	1,884.2	23.8		9/15	SKOKONISH R			
575		1,080,000	3,310.3	3.3		2/16	PUYALLUP R			
516		1,000,000	3,618.1	3.6	3.3- 3.9		NISQUALLY R			
5 261		1,649,210	10,135.1	1.9	3.9- 7.3	5- 6/76	SKOKOMISH R			

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

PEAR	NUMBER OF SUB-	HUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM! FISH	GRAM	DATE	RELEASE	RELEASE	
1959	•	•	•						
1968-72	0	æ	•						
1973		119,460	5, 123,3	42.8	18:1- 53.3	7-10/74	SKOKONISH R		
1973		127,791	8,288.3	64.7		1/75	SKOKOMISH R		
1974		90 000	10,307.9	113.3		1776	SKOKOMISH R		

RELEASE

TABLE 44.--COASTAL WASHINGTON GEPARTMENT OF FISH GEORGE ADAMS HATCHERY - NASHINGTON DEPARTMENT OF FISH RELEASE OF- COHO SALHON.

		ACKENSE OF								
BROOD	NUMBER OF SUB-	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	PRANGE	DATE	RELEASE	RELEASE	RELEASE	
958-59	•	•	• !					C DILCET SOUND	DIET SND	FRB
1961		88,384	713.8		n (19/21			DIET AND	TOR
096		191,233	1,753.1	9.6	7.9- 9.6				200	
196	256.031		119.7	4.0		3- 4/62			PUCI SND	27.0
961	302,549		9,66.6	3.1	.8. 3	8/62	HOOD CANAL		PUGT SND	IKB
96		261.339	2.237.6	9.5	8.5- 10.7	2/63	HOOD CANAL	(-)-	PUGT SND	TRB
06.30	685. b00		195	200			HOOD CANAL		PUGT SND	TRB
200	177.045		8.811.5	3.7		6- 8/63		S PUGET SOUND	PUGT SND	TRB
305	1418114	216. 222	6.57	4	11.3- 20.6			S PUGET SOUND	PUGT SND	TRB
305	000	31 49 636	1000	2		3/64			PUGT SND	TRB
200	9024692		00000	3	14.10 16.7	2- 3/65			PUGT SND	TRB
1963		200000	6034660			-			PUGT SND	TRB
+96		20000000	21.215.4	7.5	13.30 IR.8	1- 4/66	HOOD CANAL		PUGT SND	TRB
300	90	196169100	27.2		•	2/66		-	PUGT SND	TRB
200	37400	804.700	22.813.1	28.3		4/67	HOOD CANAL	S PUGET SOUND	SNO	TRB
205	466.48Z		176.8	0.3		2/67		S PUGET SOUND	PUGT SND	TR8
990	2000	1.086.533	32.856.4	30.2		5/68		PALIX R	PUGT SND	TRB
000	70.200	200000	35.4	0.5		3/68		S PUGET SOUND	PUGT SND	TRB
1961	00740	1.921.880	51.279.1	26.6		69/4		PALIX R	PUGT SND	TRB
100	850-472	10041764	318.3	0.3		3/69		PALIX R	PUGT SND	TRB
0 70		2, 809, 180	50-197.3	24.9	22.5- 25.1	4/70		PALIX R	PUGT SND	TRB
0 90	610.000		217.3	0.3		2/70		PALIX R	PUGT SND	TRB
66.0	240.130		184.6	0.7		01/4		PALIX R	PUGT SND	TRB
040		2.455.925	75.052.3	30.5	22.5- 34.8	12/9 -4	HOOD CANAL	PALIX R	PUGT SNO	TRB
1970	297.686		189.8	0.3		3/71	HOOD CANAL	PALIX R	PUGT SND	TRB
1070		2.183.933	49.530.9	22.6		4/72			PUGT SND	TRB
1471	1.139.050		407.3	0.3		3/72		PALIX R	PUGT SND	TRB
1071		2.138.272	47.162.7	22.0	17.4- 22.6	3-	HOOD CANAL	PALIX R	PUGT SND	TRB
1072	375.680		136.5	0.3		3/73				
1072		2.066.050	52.063.3	25.1		4114	NISQUALLY R	SKOKONISH R		
1973		1,316,582	35,126,6	26.6		5115	SKOKOMISH R			

TABLE 45.--CDASTAL WASHINGTON
GEORGE ADAMS HATCHERY - WASHINGTON DEPARTMENT OF FISH
DELEASE DELEASE DELEASE PAIN SALMON

		RELEASE OF-	DF- CHUM SALMON.	SALMON.					
BROOD	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	PRANCE	DATE	RELEASE	RELEASE	RELEASE
1959	•	•	•						
19-0961	9	0	0						
1962	9,578		2.7	0.5		12/62	HOOD CANAL		
1962		196,830	55.3	0.5		4/63	S PUGET SOUND		
1963-70	9	9	0						
1 27 1		588,000	153.8	0.3		3/72	SKOKONISH R		
1972	64,600		180	0.5		3/73	SKOKOMISH R		
1973	219,800		58.8	0.3		4214	SKOKOMISH R		
1974		742,300	1,219,3	9.1		4- 5/75	HOOD CANAL TRB		

TABLE 46.--COASTAL MASHINGTON GEORGE ADAMS MATCHERY - MASHINGTON DEPARTMENT OF FISH RELEASE OF- PINK SALNON.

RELEASE						
RELEASE			SKOKOMISH R		SKOKOMISH K	
RELEASE			1- 2/62 HOOD CANAL TRB SKOKOMISH R		1- 2/64 S PUGET SOUND SKOKOMISH R	
DATE			1- 2/62		1- 2/64	
PRANT HSH						
AVE. GRAN/ FISH			2.0		0.5	
HEIGHT		0	270.3	æ	220.0	0
NUMBER OF MIGRANTS	٠	0		a		0
NUMBER OF SUB- MIGRANTS		0	1,925,528	0	750,868	•
SR 000	1959	1961	1961	1962	1963	1964

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

		KELEASE	OF- FALL	CHINOOKS	SALHUN							
88000	NUMBER	NUMBER	TOTAL	AVE.	2	IGE	DATE	RELEASE	RELEASE		RELEASE	
YEAR	MIGRANTS	MIGRANTS	(KGS)	FISH	2 14	ISH	RELEASES		LOCAL TON		LOCALI	z
1959	4,375,818		2,185.0	4.0	•		2- 3/60	CHEMALIS R	HOOD CANAL T	TRBS	Pugt	SNO TRB
959	39 CB 39 34 I	2- 340- 129	6-411e4	7-1	2 - 6		1 1		CANAL		Puer	
1961	479.955			D. 4		•			CANAL		PUGT	
1961	1,665,280			9.0			2- 3/61		CANAL	TRB S	PUGT	
1960		4,258,936	12,679.7	2.9	-6.1	3.8			CANAL		PUGT	
18	1,508,650		741.2	9 0						TRES	Puer	
1961	78 24 400	7 082 124	10407	200	-	2			TANAC		PILET	
1961	1.341.970	39 3069 164		3 0		•	2/63	CHEMALIS R	CANAL		PUGT	
1962	898,407			-			3/63	-	CANAL		PUGT	
1962		3,217,674		2.8			4- 5/63		CANAL		PUGT S	
1963	4,507,400			4.0			5164		CANAL		PUGT S	
1963	82,560		58.5	1.0			3/64		CANAL		S 190e	NO TRB
1963		4,053,835	13,119,3	3.2	2.8-	•	4- 5/64	CHEMALIS	CANAL		PUGT S	
1961	557,112		257.2	4.0			-		CANAL		2 1904	
1961	3,888,217			9			2- 3/65		CANAL		S TOOLS	NO TEN
1961	448,970	020 030		90	-						2001	
400	95.0	40 20 30 30 3	129 03003			4.0	2016	CHEMALTS	TANA C		DIGI	NO TOR
200	1 36 2 1 26		1 212 9				4/66	-	CANAC		PILET	
1965	11 205 11 50	4.137.649		2	2.6-	6.2	4- 6/66		CANAL		PUGTS	NO TRB
1966	19.600			0 0)		-	CANAL		PUET S	
1966		4,167,586		2.6	2.3-	0.	5- 6/67				PUGT S	TR
1961	1,435,500			0.5			2/68	CHEHALIS R	CANAL		PUGT S	TR
1961		4,317,357		4.7	4.3-	2.6			CANAL		PUGT S	78
8 96 1	1,986,725			5°0			9	CHEMALIS R	CANAL		PUGTS	NO TRB
1968	570,860			-	•		9/4		CANAL		PUGI	2
1 96 8		4,913,589	20,258.8		3.3	0 -	5- 6/69	CHEMALIS R	HOOD CANAL T	TRBS	PUGT	NO TRB
90	214191767	2 614 487	2041140	2 4		•	2/10		TANA C		PILET	
506	1.552.467	104441047		0			2- 4/71		CANAL		PUGT	NO TRB
0261	100000	3,312,212		4.0		6.4		CHEHALIS	CANAL	TR8 S	PUGT S	TR
1 261	7,101,400		-	4.0				CHEHALIS	CANAL		PUGT S	00
1 26 1		3,898,935		5.1	3.8-	32.3	7	CHEMALIS R	OOD CANAL	8	PUGT S	72
1972	398,640			0.5			2/13	HOOD CANAL	PUGT SND T	88		
1972	433,046		-	6.1				CANAL	PUGT SNO T	RB		
1972		2,931,860	-	*	2.5	0	5- 6/73		SNO	20 00		
1972		385,272	-	3.07				DOD CANAL	SNO			
1973	3,141,500	100 010			•			ור	SMOHOMISH	_	DUNAMISH	×
1973		2,849,275	9 0 0 0 0 0	9.00	20.7	400		THEND				
1973		4 99 361		32.4			3/15	S TURE S				
4761	96,000	100 201 0	13001	* * *			5/15	MEEN				
1201		421-589	_	64.7			3/76	REF				
1075	1.369.766			0.0	0.4-	6.3	2- 3/76	REEN				
1975	100000	1.578.851	3.375.2	201		•		REEN				

TABLE 47. -- CONTINUED.

RELEASE	
RELEASE LOCATION	
RELEASE	GREEN R
DATE	5/16
FRANCE	
AVE. GRAM/ FISH	5.5
TOTAL WEIGHT (KGS)	9,924,6
NUMBER OF MIGRANTS	1,794,750
NUMBER OF SUB-	
BROOD	1975

TABLE 48.--CDASTAL WASHINGTON GEPARTHENT OF FISH GREENS OF- SPRING CHINODK SALMON.

RELEASE	
RELEASE	
RELEASE	GREEN R GREEN R
DATE	10/75
RANGE	
AVE. GRAN/ FISH	21.5
TOTAL WEIGHT (KGS)	3,195.5
NUMBER OF MIGRANTS	147.956
NUMBER OF SUB-	956,540
FEAR	1960-73

TABLE 49.--CDASTAL WASHINGTON GREEN RIVER HATCHERY - WASHINGTON DEPARTMENT OF FISH RELEASE OF- GOHJ SALMON.

NUMBER TOTAL	TOTAL	AVE.		RANGE	DATE	RELEASE	RELEASE	SE	RELEASE
	WEIGHT	GRAM		SRAM	RELEASES	LOCATION	LOCATION	ION	LOCATION
MIGRANTS (KGS)	S (KGS)	FISH		FISH					
470,165 3,	3,213,7	6.8		4.8- 11.6	1/60	HOOD CANAL	TRB S PUGT	SND TRB	
863,646 1,399.8 1,6	399.8	9		1.2- 2.6		HOOD CANAL	TRB S PUGT	SND TRB	
941,759 7,956.8 8.4	7.956.0	4.0		= -:	1- 2/61	HOOD CANAL	S		
538.1	538.1	0.3					S	-	
3,921.8	3,921.8	204		0.5- 9.8	7	HOOD CANAL	TRB S PUGT		
1,140,315 9,	9,423.8	8.2		.8- 10.	1/62		S		
474.5	474.5	4.0			4/62		S		
670.0	670.0		01	-:	6- 7/62	HOOD CANAL	S	SNO TRB	
695,136 5,145,5 7	5,145.5	7.		5.6- 8.0	2/63	HOOD CANAL	S		
3,613,3	3,613,3	3.3		2002			S		
1,253,930 18,667.5	18,667.5	14.6		.2- 18	1- 3/64		S	SND TRB	
44103	44103	3.4			1164		S		
1, 332, 622 19,546.2	19,546.2	14.6		12.5- 19.7	1- 4/65	HOOD CANAL	TRB S PUGT	SND TRB	
2,908.8	2,908.8	4.5		4 1.	1/65		S	SND TRB	
2,100	31.8	15.1			12/65	HOOD CANAL	S		
799,440 15,714.3	15,714,3	19.6		15.6- 28.3	2- 4/66		S		
0.960	096.3	4.0			3/66	HOOD CANAL	TRB S PUGT	SND TRB	
9.490.4	4.064.6	7.0		6.8- 7.1	1/66		S		
1,124,440 25,501,9	25,501.9	22.6			3/67		S		
260.6	260.6	0.3					S		
1,497,365 35,	35,280.4	23.5		22.5- 23.8	3- 4/68	HOOD CANAL	TRB S PUGT		
382.8	382.8	•	~		3/6	_	S	SND TRB	
1,617,829 38,714.6 2	38,714.6	23.	_	12.9- 25.1	3- 5/69	_	S		
786.5	786.5	0.3			3/69		S		
35,250.5	35,250.5	19.5	200	16.7- 23.8	2- 4/70	HOOD CANAL	S	SND TRB	
1,439,774 30,187.8 20	30,187.8	20.9					S		
84.8	84.8	0.3				-	S		
21,504.8	21,504.8	3.5		1.6- 4.7	17/1 -2	HOOD CANAL	S		
695,928 10,900.7	10.000.01	15.6			3/72	HOOD CANAL	S	SNO TRB	
230.4	230.4	10.0			11/72	HOOD CANAL	S		
1,889,886 22,241.8	22,241.8	20.4		15.1- 32.3	2- 4/73		S	SNO TRB	
178.7	178.7	6.3			3/73		TRB S PUGT	SND TRB	
889,697 19,252.7	19,252.7	23.7		15.7- 32.3	3- 7/74	DUMANISH R			
86.9	86.9	1.2							
193469888 369384.8	36,384.0	27.0			4- 7/75	GREEN R			
-	188.7	0.3							
2.0	35,275.0	27.8	_	15.1- 32.3	4- 5/76				

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

RELEASE	
RELEASE	S PUGET SOUND S PUGET SOUND S PUGET SOUND
RELEASE	S PUGT SND TRB S PUGT SND TRB S PUGT SND TRB
DATE	5/61 5/61 5/62
RANGE GRANG FISH	
GRAM!	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
TOTAL WEIGHT (KGS)	2 6 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
NUMBER OF MIGRANTS	242,214
NUMBER OF SUB- MIGRANIS	1,610,330
BROOD	1959 1961 1961 1962

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

	FION	SOT ONO										SND TRB			ON	Q	2									SND TRB	SND TRB	SND TRB			CSTL LAKES					
	RELEASE	7210			S Pugi							S PUGT	S PUGT													S PUGT	S PUGT	S PUGT	S PUGT		WA CSTI					
	RELEASE LOCATION	DIEET COUNTY	PUGET	PUGET		PUGET	PUGET	PUGET	PUGET			S PUGET SOUND						PUGET			S PUGET SOUND	PUGET	PUGET	PUGET	S PUGET SOUND		_	S PUGET SOUND	S PUGET SOUND		HAMMA HAMMA R					
	2									,																					œ				L TRB	
	RELEASE LOCATION	HOOD CANAL	-			-	-	-	HOOD CANAL	HOOD CANAL	HOOD CANAL	HOOD CANAL	HOOD CANAL	HOOD CANAL	HOOD CANAL	HOOD CANAL	HOOD CANAL	-	HOOD CANAL	HOOD CANAL	HOOD CANAL	HOOD CANAL		HOOD CANAL	-	HOOD CANAL			HOOD CANA	FINCH CR	DUCKABUSH	FINCH CR				MOOD CANAL
	DATE RELEASES	2- 3/60		5/61	2/62	4- 5/62	5/62	2- 3/63	3/63	5/63	1/64	49/4	5/64	2/65	5- 6/65	5/66	2167	2/68	5/68	5/69	3- 4/70		3/71	4- 6/71	5- 8/72	2/73	5/13		6- 9/73	3/74	2/74	5- 6/74	2- 3/75	5/15	3/76	1 5176
SALAUM.	FRAM			2.5- 2.6		1.2- 1.5	2			2.1- 3.4			1.3- 2.7			3.1- 3.6	2.9- 4.1		4.4 -1.4			4.5- 11.3		. 3-	3.1- 23.6			~	4.4- 18.1			3.7- 11.6			32.3- 45.3	
o voortus	AVE. GRAM/ FISH		2.2					C		å	0.3	F. 9	2.6	0.5	2.9	3.5	3.7	4.0	4.3	4.5	1.0	6.2	0.7	3.9	4.7	50.3	6.0	2.0	8.9	113.4	0.5	6.4	62.0	4.8	43.1	2.4
-	TOTAL WEIGHT (KGS)	65.0	4,236,1	7,055.5	224.5	935.8	4,904.7	85.3	319.3	4,545.9	61.7	421 · B	7,085.1		6,500.0	7,931.5	8,625.1	73.9	9.460.6	11,278.1	709.9	11,460.0	718.8	14,318.1	14,985.3	1,032,8	27.2	12,520.1	812.8	3,384,3	580.6	7,964.2	2,885,3	3,532,1	6,942.2	2.481.5
1000	NUMBER OF MIGRANTS		1,866,441	2,689,882			1,951,554			1,899,583			2,666,240		2, 172, 361	2,253,692	2,285,910		2,164,746	2,486,400		1,831,176		3,612,684	3,153,847	26,493		2,494,612	91,088	29,841		1,227,697	46,525	726,494	160 • 091	1.000.970
	NUMBER OF SUB- MIGRANTS	105.333			519,750	666,285		188,000	492,800		159,120	307,831		1,747,886				171,150			953,150		957,070				28,320				1,871,800					
	BROOD	959	959.	.0961	1961	1961	.1961	1962	1962	1962	1963	1963.	1963	1961	1964	1965.	9961	1961	1961	896	696	696	0.26	026	1 26 1	126	1972	972	1972	97.2	873	973	973	1 374	4 16	975

TABLE 52.--COASTAL WASHINGTON HOOD CANAL HATCHEY - MASHINSTON DEPARTMENT OF FISH RELEASE OF- SPRING CHINODK SALMON.

	RELEASE		
	RELEASE		
		TRB	TRB
	RELEASE	HOOD CANAL HOOD CANAL FINCH CR	HOOD CANAL
	DATE	3/72 2/73 3/74	11/76
	FRANCE		
	AVE. GRAM! FISH	65 50 50 50 50 50 50 50 50 50 50 50 50 50	30.5
	TOTAL	3.69 68 69 69 69 69 69 69 69 69 69 69 69 69 69	1,582,3
1	NUMBER OF MIGRANIS	6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	49,688
	MUMBER OF SUB- MIGRANIS	6 9	
	YEAR	1958-69 1970 1972 1973-74	1975

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

		2000								
BROOD	NUMBER OF SUB-	NO N	TOTAL STATE	GRAM	SANGE SANGE	RELEASES	RELEASE	RELEASE	RELEASE	z
	MICKANIN	HEKANIS	COV.	1047	24					
195.8		228.858	2,093,8	9.1		2/60	HOOD		DE	CA
040	105.302		335.2	3.1		6-10/60	000H		30	CCA
1959		411.358	3.276.3	7.9		19/1	HOOD		DE	UCA
1961	417.226	2000	2.497.8	50		5-12/61	HOOD		DE	UCA
96.0	2336.	482.697	\$ 0 P D 0 B	80		1/62	HOOD		DE	UCA
196	875-108		3.000	404		7-10/62	HOOD		DE	UCA
1 96 1		545.870	5.039.8	9.2		1- 3/63	M000		DE	UCA
1062	429.50g		2.736.1	6.3		9-12/63	H000		DE	UCA
1062	45.000	380.380	6 8 5 8 9	12.8		1- 4/64	HOOD		DE	UCA
2001		737-139	11.621.9	1507		2- 4/65	H000		DE	UCA
1961		484-225	8.555.2	17.6		3/66	HOOD		DE	UCA
1065		830.864	20.916.1	25.1	28.5- 28.3	3- 4/67	HOOD	6	DE	UCA
1966		910-016	15.798.6	17.3		3/68	HOOD		DE	UCA
1967	90-00		35.6	0.3		3/68	HOOD		30	UCA
8 90	200400	253.980	6.400.2	25.1		4/70	HOOD		DE	UCA
0 90		343.630	7.595.4	22.1		3- 6/71	HOOD		DE	NCA
0261	261.440		1.877.0	7.1	6.11.9	8-10/71	H000	S PUGET SOUND	JUAN DE F	FUCA
0261		263.844	9.887.8	37.4		4- 6/72	HOOD		DE	UCA
1471	26.520		100.2	3.7		6/72	H000		90	UCA
1 261		249,284	14,071.8	56.4	37.7- 56.6	6- 7/73	HOOD		DE	UCA
1972	329.500		1,195.7	3.6		6/13	HOOD		DE	UCA
1972		292,600	16,590.1	56.6	34.8-113.3	4111	FINCE			
1973		166.482	6,390.6	50.3		7/15	FINCH CR			
1426		248.885	6,425.1	26.6		1/16	HOOD CANAL TRB			
1975	168,875		87.5	0.5		3/16	HOOD CANAL	4		

TABLE 54.--COASTAL WASHINGTON HOOD CANAL HATCHERY - WASHINGTON DEPARTMENT OF FISH RELEASE OF- CHUN SALMON.

82000	NUMBER	NUMBER	TOTAL	AVE.	ZANGE	DATE		RELEASE	RELEASE
YEAR	OF SUB-	0 F	WEIGHT	GRAM/	GRAM	RELEASES	LOCATION	LOCATION	LOCATION
	HIGRANTS	MIGRANTS	(KGS)	FISH	FISH				
656	0	0	0						
960		136,500	206.4			19/5	_		
196		52,000	47.2	6.0		5/62	HOOD CANAL		
362		234,960	161.5	-		2/63	_		
963-64	0	-	•						
965		278,880	402.8			5/66	HOOD CANAL		
996		554,032	803.3			2/67	HOOD CANAL		
296		678,268	1,043.7			5- 6/68	HOOD CANAL		
968		1,658,369	1,983.6			5- 6/69	HOOD CANAL		
696		795,040	1,099.5			5/70	HOOD CANAL		
970		1,547,406	1,377.1		3.5- 1.5	12/5 -4	HOOD CANAL		
1126		855,110	1,729,9			5- 6/72	HOOD CANAL		
972		974,568	1,871.5			4- 6/73	HOOD CANAL		
973	113,600		32.2			4214	SKOKOMISH R		
973		2,012,198	4.141.8	2.0	0.8- 3.7	42/9 -4	HOOD CANAL TRB	B FINCH CR	
416		8,665,985	12,413.9			4- 5/75			
975		8,465,125	10,331.9			92/9 -4	HOOD CANAL TRB		

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

NUMBER OF SUB- MIGRANTS 8.190	NUMBER	TOTAL	100	-					1
MIGRANI 8.19	0	MEIGHT	GRAM/	SAM	¥ 5E	DATE	RELEASE	LOCATION	RELEASE
8.19	IS MIGRANTS	(KGS)	FISH	FIS	I				
		2.3	0.5			2760	HOOD CANAL		
	555,479	1,138.5	2.8	1.8- 2.2	2.2	09/4	HOOD CANAL		
	0								
	145,665	223.2	1.5	1.3- 1.5	.5	3/62	HOOD CANAL		
	0	•							
267,596		120 .7	4.0			3/64	HOOD CANAL		
	525,279	427.7	0.8			3/64	HOOD CANAL		
	0	0							
	420,958	582.8	1.3		2.0	3- 4/66	HOOD CANAL		
	0	C3							
	682,828	642.3	0.1			3/68	HOOD CANAL		
	0	0							
	773,782	1.088.2	**	9-1 -6-0	6.	3- 4/70	HOOD CANAL		
	0	0							
	1,769,355	1,570.3	0.8	0.3.	1.5	3- 4/72	HOOD CANAL		
	0	-							
	708,624	4*456	F•-			3- 4/74	FINCH CR		
	0	9							
	1,533,190	1,577.1	-	1.4-1.5	- 5	5- 4/76	HOOD CANAL TRB	R8	

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

		KELEASE	UF- FALL	CHINDOK SALMON	ALMUN.					
88000	NUMBER	NUMBER	TOTAL	AVE.	ZANGE	444	DATE	RELEASE	RELEASE	RELEASE
YEAR	OF SUB-	MIGRANTS	(KGS)	FISH	FISH		RELEASES	LOCATION	LOCALION	LOCALION
1959	1,526,800		1,583.2	6.0			4/60		SND	
1959		1,801,810	3,518,5	6.1	1.5- 2	2.5	5/60		SND	
1960		1,360,126	3,689.5	2.7		5.3			SND	
1961	2,344,600		1,173.0	6.5			3- 4/62		SND	
1961	1,055,770		669.3	9.0			4/62		SND	
1961		1 , 845,581	4,587.3	2.4	1 . 8 - 2	2.8	29/9 -5		SNO	
1962	1,151,475		535.7	4.0			2/63		SND	
1962	2, 163, 228		1,5643.8	0.7			3/63		SND	
1962		1,796,822	4,625.7	2.7	2.5- 3	3.1			SND	
1963	2,361,250		1,024.7	4.0			2- 3/64		SND	
1963		2,963,395	7,930.6	2.6	2.5- 2	5.9	5/64		SND	
1961	910,500		413.2	4.0			3/65		SND	
1961	799,127		680.4	8.0			2- 3/65		SND	
1961		3,244,679	9.433.4	2.9	6-6-1	3.4		9	SND	
1965	620,244		563.4	6.0	1.5-	-:	3- 4/66		SND	
1965		2,523,941	7.781.4	3.0	2.2-3	8.9	2166			
9961	537,235		359.6	9.0			3/67		SND	
9961		2,719,785	6,762,6	2.4	-6.1	404	19/5 -4		SND	
1961	888,980		378.3	4.0			3/68		SND	
1961	495,600		321.1	9.0			3/68		SND	
1961		3,242,817	12,359.1	3°B	2.5- 4	4 . 8	2/68		SND	
1968	1,434,500		1,131,3	1.0					PUGT SND	
1968		3, 355, 336	11.451.4	3.4	4 -6 -1	4.2	2- 6/69		PUGT SND	
6961	1,855,600		920.8	0.0			3/10		SND	
6961		3,487,321	13,333,8	3.8	2.3- 6	4.9	4- 5/70		SND	
1970	1,008,448		1,021.0	-					PUGT SND	
1970		3, 120,649	16,248.5	5.2		0.7			SND	
1 26 1		3,272,993	13,618.7	4.1	3.2- 5	5.3	5- 6/72		SND	
1972		2,642,276	9,606,6	3.6		5 . 3	5/13			
1972		421,668	1,770.8	4.1			6/13	0	S PUGT SND TRB	
1973	284,200		127.3	4.0			2174			
1973		1,511,428	7,498.3	6.4	4.5.	2.1		SAMMAMISH R		
1974		2, 187, 350	9,249.7	4.3	3.9-	6.	5- 6/75	IS		
1975.	60 3, 050		393.7	9.0			3/16	ISSAQUAH		
1975		359,100	571.5	1.5				ISSAQUAH		
1975		2,735,886	13,635.0	6.4	4 . 5 .	5.3	9-6176	ISSAQUAH		

TABLE 57.--COASTAL MASHINGTON DEPARTMENT OF FISH RELEASE OF- COHO SALMON.

BROOD	NUMBER OF SUB-	NUMBER	TOTAL	AVE.	SANGE	DATE	RELEASE	RELEASE	RELEASE
	MIGRANTS	MIGRANTS	(KGS)	FISH	FISH				
58		706,158	5,529.3	7.8	0.8-10.0	1/60	S PUGET SOUND	S PUGT SND TRB	
626		735,117	6,389,5	8.5	6	1- 2/61		SND	
096	1,981,915		709.0	B . 3		3- 4/61		SND	
096	665,120		2,060.7	3.0	2.1- 3.2	3- 5/61		SNO	
960		848,460	9,021,5	10.6	- 15	1- 2/62	PUGET	SND	
196		814,685	6,925,4	8.5		1- 3/63	PUGET	SNO	
962		1,027,227	15,510,1	15.8		1- 4/64	-		
963		955,034	14,852.0	15.5	9.5- 19.7	1- 4/65	PUGET	SND	
496		790,836	17,072.8	21.5		1- 4/66		SND	
365	186,690		706.7	3.7	2.9- 5.6	99/1 -9	S PUGET SOUND	SND	
965		934,884	20,447.0	21.8		2- 4/67	-		
996		716,048	20,299.6	28.3		4/68		SND	
.196	554,280		202.8	6.3		3/68		SND	
7967		1,203,714	30,333.1	25.1		69/4		S PUGT SND TRB	
968		1,107,146	29,342,9	26.5	21.5- 26.6	2- 4/70	S PUGET SOUND	SNO	
69	225,953			0.3		2/70		SND	
69		57,280	1,179.3	20.6		12/70	S PUGET SOUND	ONS	
69		1,314,413		24.5	20.5- 26.6	2- 4/71	S PUGET SOUND	SND	
976	377,910		163.3	4.0		3/71	S PUGET SOUND	SND	
7.0		1,452,439	31,370.1	21.5		2- 4/72	S PUGET SOUND	SND	
1 26	491,660		182.8	0.3		3/72	S PUGET SOUND	SND	
71.		1,335,720	30,106.3	22.5	13.7- 22.6	3- 4/73	S PUGET SOUND	S PUGT SND TRB	
972	550,000		199.6	0.3		3/73		SND	
972	119,908		438.5	3.6		6/73	S PUGET SOUND	SND	
972.		955,598	30,377.5	31.7	18.1- 32.3	4114	SAMMAMISH R		
973	429,980		6,964.5	16.2		42/8	SAMMAMISH R		
973		652,500	18,380.8	28.1	26.6- 28.3	3- 5/75	PUYALLUP R	L. SAMAMISH	
4 16	10,082		32.2	3.1		6/15	L WASHINGTON		
42		978,281	28,732.8	29.3		4- 5/76	ISSAQUAH		
4 16		1,976	47.2	23.8		3/76	NISQUALLY R		
75	401,860		186.3	4.0		3/16	SNOHOMISH R		
975	792,680		348.4	4.0		3/76	L MASHINGTON	SAMMAMISH R	ISSAQUAH

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

RELEASE						
RELEASE						
RELEASE LOGATION	William Co	3- 5/61 L MASHINGTON		MASHINGTON	MASHINGTON	
DATE		3- 5/61		3/63	5/63	
RANGE GRAM/ FISH						
AVE. GRAM/ FISH		4.0		0.2	2.0	
TOTAL WEIGHT (KGS)		294.8	0	59.9	9.6	0
NUMBER OF MIGRANTS	0		9		00444	0
NUMBER OF SUB- MIGRANTS	0	683,890	0	211,398		0
BROOD	6561	1961	1961	1962	1962	1963

TABLE 59.--CDASTAL WASHINGTON MINTER CREEK MATCHERY - WASHINGTON DEPARTMENT OF FISH RELEASE OF- FALL CHINDOK SALMON.

YEAR	OF SUB-	OF MIGRANTS	WEIGHT (KGS)	GRAM/ FISH	FISH	DE I	RELEASES	LOCATION	LOCATION	LOCATION
959	1,000,858	250 310	1.522.5	6.0	9.8-	0.5	4/60	HOOD CANAL	S PUGET SOUND	
96.0	1.756.082		930.3	0 0	2				PUGET	
196	1,274,902		811.9	9.0	9.50				PUGET	
096		1 , 941 , 361	7,288.3	3.7		-			PUGET	
196	4,061,578		2, 128,3	0.0					S PUGET SOUND	
1961	474.706	2.125.410	5000 S	2.3	2.20	3.2	5- 6/62	HOOD CANAL	PUGET	
200	736.000	291279410	351.5	3 0		•			PUGET	
200	961.263		674.5						PUGET	
962		2,674,886	6,531.7	2.4	-8-	5.0	4- 8/63		PUGET	
963	1,197,510			0.5			3/64		PUGET	
963	40,320		32.7	.0	1		3/64		PUGET	
963		1 9 86 3 9 1 8 1	6,637.8	3.5	2.7-	eo !			PUBEL	
496	2,443,317		2,421.3	6.0			2- 4/65		S PUGET SOUND	
996		2,546,172	1,946.8		•		2/65	HOOD CANAL	מומבו	
365	157,712			2.	ות			TANAD COURT	1901	
396	567.112	2,257,775	3,386.8	- 4		6.	4- 5/56			
900	2116166	2.174.552	12.338.2	200	5.30	13.7	2- 9/67		PUGET	
900	1.54.2.474	2010111	1.080.1	0.7					PUGET	
467		2.751.600	20.801.7	7.5			99/9		PUGET	
896	831,810		476.3	0.5			9/4		PUGET	
898		3,840,082	18,223.5	5.9	1.7-	50.6	5-10/69		PUGET	
696			282.1	0.5			3/70			
696	1,320,280			•					1000	
	. 771	4.218.794	17.420.2	- 4	-6	7.7	2/1	HOOD CANAL	S PUGET SOUND	
176	106417341	1. 121.168	9.714.1	, M	3. 30	17.4	5- 6/71		PUGET	
97.0	88.745	001613061	56.7	0.0		•			PUGET	
971	21100	730.950	3.998.7	5.4	5.1.	8.7	5- 6/72		PUGET	
126		21,056		2.49					SOUN	
		1,355,189		14.0	2.3-	30.2	3- 9/73	HOOD CANAL	S PUGET SOUND	
972		119,585		60.5	-	3.	3/74	ER CR		
97.3	466,550		492.1	-				Z	S	
973		980,784		5.5	+	8.0	+1/1 -9	HINTER CR		
973		275,073		30.6			41/6			
973		137,397	7.697.9	26.0			2/15	ER		
973		137,397	9	56.0			2/15	MINTER CR		
4 16	92,700			<u>:</u>						
416		1,084,623	2,058.4	8.	-1.	3.	5- 6/75	*		
416		461.314	. 241	22.6			2776	HINER CE		
416		173,156	665	30.0	-	-	2776	MINIER		
975	224,373		***		•	•	1. 5/76			
975		5000 764	•	2.5			6/76	2 2		
•		00000	45.0				200	-		

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

RELEASE	
RELEASE	PUTALLUP R
RELEASE	MINTER CR PUYALLUP R
DATE Releases	3/74
RANGE GRAM/ FISH	37.7- 45.3
AVE. GRAH/ FISH	42.4
TOTAL WEIGHT (KGS)	811.5
NUMBER OF MIGRANTS	19,124
NUNBER OF SUB- MIGRANTS	a a
BROOD	1959-71 1972 1973 1974

TABLE 61.--CDASTAL WASHINGTON MINTER CREEK MATCHERY - WASHINGTON DEPARTMENT OF FISH RELEASE OF- COHO SALMON.

BROOD	NUMBER OF SUB	NUMBER	TOTAL	AVE.	PANCE PANCE	DATE	RELEASE	RELEASE	RELEASE	M O
	HIGRANTS	MIGRANTS	(KGS)	FISH	FISH					
958		492,524	4.512.3	9.1	7.0- 12.9	1- 3/68	HOOD CANAL	S PUGET SOUND		
626		489.289	4.874.8	6.6	.8- 12.	1- 3/61	HOOD CANAL	S PUGET SOUND		
1961	114.200		45.4	0.3		3/61		-		
1961	60.000		453.1	7.7	7 · 4 = 8 · 0	9-10/61	HOOD CANAL			
1961		575,426	6,336.7	100	.4- 13.	1/62		S PUGET SOUND		
1961	475,393		2,296,5	80 . 3	.00	6-10/62				
1961		603,327	4,083.7	6.7	-	11-12/62	HOOD CANAL	S PUGET SOUND		
1962	353.858		158.8	4.0		3/63	HOOD CANAL			
1962		637,574	9,187.	1.4.	11.5- 15.1			PUGET		
1963	545,470		2,232,1	4.0				PUGET		
1963		516,941	7,831,7	15.1	11.9- 21.5	2- 6/65	HOOD CANAL	PUGET		
1961	456.854		1.116.3	2.3		1/65		PUGET		
1961		726,789	12,522,8	17.2						
1965	682,960		287.1	4.0			HOOD CANAL			
1965	324,102		1,044501	4.4	1.8- 4.9			S PUGET SOUND		
1965		710,107	18,947.0	26.6		19/4	HOOD CANAL	-		
1 966		824,958	20,788.1	25.1		4/68				
1961	266,000		8.66	0.3		3/68	HOOD CANAL			
1961		1,068,301	29,615,5	27.7	N	69/5 -4	HOOD CANAL	S PUGET SOUND		
1968		1,536,629	43,252,3	28.1	15.6- 75.5	4- 6/78	HOOD CANAL	S PUGET SOUND		
6961	181.596		1.435.2	7.9		7/70	HOOD CANAL	S PUGET SOUND		
1969		1,583,815	51,451.4	32.4	S	12/9 -4	HOOD CANAL	S PUGET SOUND		
1970	685,477		272.6	0.3		12/4	HOOD CANAL			
1970		1.250.892	51,098.5	40.8	18.8- 50.3	4- 8/72	HOOD CANAL	S PUGET SOUND		
1261	195.445		1.889.8	9.2		7- 9/72				
1261		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			MINTER CR			
1973		2, 894, 341	70,979.9	33.8	3	5- 7/75	MINTER CR			
1976	1.248.068		526.6	4.0		4- 6/75	HINTER CR	S PUGT SND TRB	HODD CANAL	AL TRB
1 97 4		1.663.680	66.635.0	40.0			MINTER GR			
1975	483,248		364.7	1.0		3- 4/76	•	82		

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

RELEASE					S PUGET SOUND						
RELEASE	S PUGET SOUND				MINTER CR				S PUGT SND TRB	HOOD CANAL TEB	
RELEASE	MINTER CR	MINTER CR	MINTER CR	MINTER CR	S PUGT SND TRB		HINTER CR		DOSEWALLIPS R	MINTER CR	MINTER CR
DATE	3- 5/60	5162	3/63	3/64	4- 5/64		5171		5174	4- 8/75	5- 6/76
FISH										3.5- 11.6	0.5- 1.9
AVE. GRAM! FISH	***	6.0		0.5	400		8.0		000	0.0	£ • 3
TOTAL WEIGHT (KGS)	753.0	60 60	60194	6.8	33°1	•	910.8	ca	463.6	3,265,9	5,371 ob
NUMBER OF MIGRANTS	8	87,188	8699980		75,600	000	1,016,679	9	511,000	3,994,551	3,976,608
NUMBER OF SUB- MIGRANTS	1,701,318			25,850		0		9			
BROOD VEAR	6561	196	1962	1963	1963	1964-69	1970	1971-72	1973	1974	1975

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

LOCATION LOCATION						
RELEASE REL LOCATION LOC	HINTER CR	MINTER CR	S PUGET SOUND		5/74 MINTER CR	HINTER CR
DATE	3/60 H	2- 3/62 H	2/64 S		5174 H	3/76 H
PANGE IN STANCE						
AVE. GRAM/ FISH	0.2	0.2	0 • 2		*	6.3
TOTAL WEIGHT (KGS)	56.2	93.9	752.1	c	31.3	3.68
NUMBER OF MIGRANTS		3	C	ca (22,115	106,797
NUMBER OF SUB- MIGRANTS	187,529	369,312	1,336,348	a (0
BROOD	6561	1961	1962	1961	1965-72	1974

TABLE 64.--CDASTAL MASHINGTON MINTER CREEK HATCHERY - MASHINGTON DEPARTHENT OF FISH RELEASE OF- CHERRY SALMON.

RELEASE	
RELEASE LOGATION	PUGT SND LAKES DUWAMISH R
RELEASE LOCATION	MINTER CR PUGT SND LAKES MINTER CR MINTER CR MINTER CR
DATE	3-6/13 6-7/14 2/75 3/76
RANGE BRAM/ FISH	23.8- 55.6
AVE. GRAM/ FISH	5 4 4 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6
TOTAL WEIGHT (KGS)	1,422.0 1,937.6 1,937.6 55.3
NUMBER OF MIGRANTS	24,300
NUMBER OF SUB- MIGRANTS	0 86.4
BROOD	1958-70 1971 1972 1972 1973

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

9R000 NUNBER YEAR OF SUB-										1,120,765		86.400	412,500		118,600		904.500	327,375					
NUMBER OF MIGRANTS	468,104	209,235	422,285	447,138	695,555	986,939	1,422,455	836,950	1,266,654		1,529,540			1,447,780		927,050			858,357	1,291,832	856,288	1.276.010	֡
TOTAL	1,223.8	618.7	997.9	1,134,9	2,383.8	3,111.5	6,065.0	3,757.1	6,135,7	797.8	5,031,2	45.4	249.5	4,690.1	60.3	3,575.7	455.9	220.0	5,958,2	5,851,3	3,884.1	5.347.4	֡
AVE. GRAM/ FISH	2.5	2.9	2.3	2.5	3.3	3.1	4.2	4.4	4.8	1.0	3.2	0.5	9.0	3.2	0.5	3.8	0.5	9.0	6.9	4.5	4.5	4.1	
SANGE SRAM! FISH	1.9- 12.9		2.2-		2.8-											- 9 -							
	2.9 5.	+	5.4	2.8	3.7	3.7 5.	100		5.0	2		રં		4 104	ż	6.0			14.1 5.	5.0		5.0 5.	
OATE Releases												- 3/70											
RELEASE	SCSTL WASH	SCSTL MASH	SCSTL WASH	SCSTL WASH	SCSTL WASH	SCSTL WASH	SCSTL MASH	SCSTL MASH	SCSTL WASH	SCSTL HASH	SCSTL WASH	SCSTL WASH	SCSTL WASH	SCSTL WASH	SCSTL NASH	SCSTL WASH	SCSTL HASH	SCSTL WASH	SCSTL WASH	NEMAH R	NEMAH R	HILLAPA SYSTEM	
RELEASE LOCATION																							
RELEASE																							

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

	RELEASE																																		
	RELEASE																														WILLAPA SYSTEM		WILLAPA SYSTEM		
	RELEASE	SCSTL WASH							-			SCSTL WASH	SCSTL WASH	SCSTL MASH								SCSTL WASH			SCSTL WASH	-	SCSTL MASH	SCSTL WASH	NEMAH R	CHEMALIS R	NEMAH R	HILLAPA SYSTEM	(A	S	
	DATE	1- 2/60	2/61	1/62	2- 3/62		1/63	6/63	2- 3/64	49/6	2- 4/65	9765	3/66	8/66	3- 4/67	4/68	5/68	69/4	3/69	4/70	2- 3/70	11/4	2- 3/71		4172	6/12	4/73	3/73	4- 5/74	2174	1/14	4- 5/75	6/15	4/76	
	SANGE	tel - 11.3		6.3- 9.2			4.8- 5.4		11.3- 15.1		11.3- 22.6		17.4-18.1							23.8- 25.1				1.6- 5.3			18.1- 22.6		21.5- 30.2			22.5- 25.6			
SALTONO	AVE. GRAM/ FISH	2.6	0.01	80 3	40		6.0	1.8	14.5	6.1	16.8	5.8	17.7	4.9	23.8	22.6	2.8	25.1	9.0	24.1	9.0	25.1	4.0	2.9	25.1	2.5	20.5	0.5	25.0	4.0	5.6	24.0	3.4	24.7	
2000	TOTAL WEIGHT (KGS)	3.789.3	1.713.2	2,563.7	332.5	287.1	2,413,1	231.8	5,392,3	544.3	8,766.5	424.1	11,437.6	405.1	13,272,1	21,058.8	644.1	21,067.1	362.9	20,632,6	458.6	21,147.8	1,022.9	589.7	21,684.4	921.7	18,322.4	188.2	12,357.7	185.5	793.8	18,522.4	767.5	23,522.4	
ACCEMBE OF	NUMBER OF MIGRANTS	389.328	169,965	307,667			399,064		3710420		519,771		644,384		555,946	926,940		836,010		855,309		839,214			860,508		891,700		494,306			771,349		044,646	
	NUMBER OF SUB- MIGRANTS				747.050	153,750		127,750		88,800		72,930		81,210			312,400		832,000		1,071,050		2,846,475	199,300		364,245		356,800		402,865	140,000		219,960		
	BROOD	958	626	960	196	196	196	962	362	963	963.	796	496	965	965	996	196	196	968	996	696	696	978	970	970	116	176	972	972	973	973	973	416	4 16	

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

BROOD	NUMBER OF SUB-	NUMBER	TOTAL	AVE.	SANGE	ш	BELFASES	RELEASE	MO.	RELEASE	
	MIGRANTS	HIGRANTS	(KGS)	FISH	FISH						
6		1,213,392	738.4	9.0			3- 4/60	NEMAH R			
9		2,433,470	2,300,2	6.0	9.0	-	3- 4/61	NEMAH R			
-		614,490	480.8	0.7			4/62	NEMAH R			
25		898,420	871.4	9.0			4/63	NEMAH R			
20		1,285,580	1,119.0	6.0	9.0	0.	3- 4/64	NEMAH R			
*		1,551,280	879.5	0.5			3/65	NEMAN R			
52		504,275	397.8	1.0			3/66	NEMAH R			
9		748,880	738.4	6.0			3/67	NEMAH R			
25		412,360	359.7	0.8			3/68	NEMAH R			
91		659,685	501.2	1.0			69/4	NEMAH R			
6.5		666,930	733.5				3/70	NEMAH R			
0		536,060	496.2	0.0			12/4	NEMAH R			
-		964,880	7.116	6.0			4/72	NEMAH R			
972	43,520		15.4	0.3			3/73	NEMAH R			
2		609,072	898.6	1.1	0.9-	2.0	4- 5/73	NEMAH R			
2		770,630	1,222.4	1.5	-4-1	8.1	4/14	NEMAH R			
4		000.049	1,270.1	1.5			4/15	WILLAPA	SYSTEM		
5		921,975	880.4	6.8			4/76	WTILAPA	SYSTEM		

TABLE 68.--COASTAL MASHINGTON NONSSACK HATCHERY - MASHINGTON DEPARTMENT OF FISH RELEASE OF- FALL CHINOOK SALMON.

OF SUB-	MIGRANTS	WEIGHT	GRAM/ FISH	FISH		DATE	RELEASE	RELEASE LOCATION	RELEASE
389,825	975,724	293	0 200			3/60		SAMISH R SAMISH R SAMISH R	
361,200	1,365,364	4,042.0 438.9 390.1 3,502.6	00 - NO		2.9	4- 5/62 4- 5/62 4- 5/62 2/63	NOOKSACK R NOOKSACK R NOOKSACK R NOOKSACK R	SAMISH R SAMISH R SAMISH R SAMISH R SAMISH R	
12 65 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,659,568	4 646-0 646-	L O J D O M G	2 2 3	3.2	4- 5/64 4- 5/64 4- 5/64 4- 5/64	NOOKSACK R NOOCKSACK R NOOCK SACK R NOOCK SACK R SA	SAMISH R SAMISH R SAMISH R SAMISH R SAMISH R	
505,460	1,769,557	5, 492. 675.9 5, 977.	M - M 4	M W W	# #C	4/65		SANISH R SANISH R SANISH R SANISH R	
385,000	1,865,367		**************************************	, de	2.0	4- 5/68 1/69 5/69 3/70 3- 4/70			
1,650,400	1,799,374	6,575.7 9,274.6 1,447.8 10,458.5	500000000000000000000000000000000000000		• •	1 11		SANISH R SANISH R SANISH R SANISH R SANISH R	
2,002,250	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3,7604,3 3,7604,3 3,7604,3 4,7506,3 4,750,3 6,	200 37	2 - 2 - 4	9 0 0	5-6/73 4/74 1-2/74 5-6/75 6-6/75	NN		

TABLE 69.--COASTAL MASHINGTON NOOKSACK HATCHERY - MASHINGTON DEPARTMENT OF FISH RELEASE OF- COHO SALMON.

		RELEASE OF-	COHO	SALMON.					
PEAR	NUMBER OF SUB-	NUMBER	TOTAL	AVE.	SANGE	DATE	RELEASE	RELEASE	RELEASE
	MIGRANTS	MIGRANTS	(KGS)	FISH	FISH	à			
1958		175,917	1,603.0	9.1	7.8- 11.3	1/60		N PUGET SOUND	DE
1959		578,943	1,891,1	4.0	5.3- 11.3	19/1		PUGET	DE FUC
1961	55,000		56.7	0.1		19/5		N PUGET SOUND	FUC
1961		598,156	5,265,3	8.8	7.5- 10.0		NOOKSACK R	N PUGET SOUND	
1861	199,800		67.1	0.3		4/62	NOOKSACK R		30 N
1961		585,059	4,510.1	7.7	,		NOOKSACK R	N PUGET SOUND	DE
1962	239,156		3,817.4	15.9	14.1- 17.4	10/63	NOOKSACK R	N PUGET SOUND	DE
1962		264,509	49738.7	17.9	16.7- 18.8	1- 2/64	NOOKSACK R	N PUGET SOUND	JUAN DE FUCA
1963	52,596		883.6	16.7		12/64		PUGET	B
1963		588,607	10,737,9	18.2	1.6- 1.9	-	NOOKSACK R	N PUGET SOUND	DE
1961	369,631		5,314,3	14.3	13.3- 15.1	9/65		N PUGET SOUND	
1961		367,407	8,793.3	23.9	20.5- 28.3	1- 2/66		N PUGET SOUND	DE
1965	413,333		4,618.1			10/66		N PUGET SOUND	E
1965		316,930	6,410.6	20.6		3/67		PUGET	z
9961		728,719	17,735.5	24.3		4/68		PUGET	0E
1961	50,000		1.4.	0.2		3/68		PUGET	30
1961		679,050	20,534.1	30.2		69/4		PUGET	OE
1 36 8		1,116,900	28,951.4	25.9		4		PUGET	DE
6961		1,187,380	29,669,5	54.9	22.5- 25.1	3-		PUGET	0E
9 26 1	600,000		181.4	0.3		3/71	NOOKSACK R		DE
1970	273,866		929.0	3.3		17/7		N PUGET SOUND	DE
0 161		1,104,896	31,324.6	28.3		4/72		PUGET	N DE
1 37 1	560,000		317.5	0.5		3/72		N PUGET SOUND	JUAN DE FUCA
1 26 1		872,434	21,984.7	25.1		4/73			
1972	340,920		873.6	2.5		6/73	NOOKSACK R		
1972		758,737	21,509.8	28.3		4/14	NOOKSACK R		
1973	495,000		140.2	0.5		3/74			
1973	154,375		263.5	1.7		41/9	The second		
1973		848,849	24,064.0	20.3					
1 97 4	1,116,700		742.5	9.0	3.2- 1.5	5-	NOOKSACK R		
1 37 4		854,428	24,222.3	28.3		9//4	NOOKSACK R		
1975	143,706		163.3	=		2/16	NOOKSACK R		

TABLE 70.--COASTAL MASHINGTON PUYALLUP SALMON MATCHERY- MASHINGTON DEPARTMENT OF FISH RELEASE OF- FALL CHINOOK SALMON.

NUMBER	1					DAAE.	EC . L.	Tran I	
OF SUB-	NUMBER	WEIGHT	GRAM/	SANGE GRAM		RELEASES	LOCATION	LOCATION	RELEASE
MIGRANTS	MIGRANTS	(KGS)	FISH	FISH					
160,764		154.7	6.0			3/60	NISQUALLY R	PUTALLUP R	
	1,759,738	2,575,5	**	1 . 3 -	9.	3- 5/60	NISQUALLY R	PUYALLUP R	
	715,600	2,408.1	3.3	2.7-	3.7	4- 5/61	NISQUALLY R	PUYALLUP R	
371,893		173.7	9.0			4/62	NISQUALLY R	PUVALLUP R	
	1,177,617	3,380,2	2.8	2.40	3.0	5- 6/62	NISQUALLY R	PUVALLUP R	
726,160		567.9	7.0			3/63	NISQUALLY R	PUYALLUP R	
	507,465	1,399,3	2.7	2.3-	5.9	5/63	NISQUALLY R	PUYALL UP R	
	316,455	496°7	1.5			49/4	NISQUALLY R	PUYALLUP R	
	673,186	2,326,9	3.4	3,3-	3.5	49/9 -4	NISQUALLY R	PUYALLUP R	
	19495,651	4017409	2.7		3.5	4- 6/65	NISQUALLY R	PUYALLUP R	
	1,123,556	3,926.3	3.4		8.9	5- 6/66	NISQUALLY R	PUYALLUP R	
	1,302,949	5,384.8	4. B	3.9.	1 . 4	19/9	NISQUALLY R	PUYALLUP R	
	1,715,585	7,687.8	4.4		4.7	6/68	NISQUALLY R	PUYALLUP R	
	1,895,166	7,257,9	3.8		8.8	69/9 -5	NISQUALLY R	PUYALLUP R	
	1,215,296	6,495.8	5.3			6/70	NISQUALLY R	PUYALLUP R	
778,000		352.9	9.0			4/71	NISQUALLY R	PUYALLUP R	
	991,116	5,351.9	5.3			11/9	NISQUALLY R	PUYALLUP R	
	1,551,300	7,675.2	6.4	3.5- 2	22.6	6- 9/72	NISQUALLY R	PUYALLUP R	
500,018		486.7	6.0			4/73	DESCHUTES R	PUYALLUP R	
	1,601,425	6,473.7	4.0	3.7-	4.3	6- 7/73	NISQUALLY R		
	69,190	285.3	4.1			6/73	NISQUALLY R		
1,458,660		1,027.4	1.0			4774	PUYALLUP R		
	1,652,980	7,925.6	4.7			42/9	PUVALLUP R		
	48,500	1,100.8	22.6			6/15	PUYALLUP R		
2,644,180		2,683.0	9.1		0.		CAPITOL LAKE	PUGT SNO LAKES	PUYALLUP R
	879,425	2,374.6	2.7	2.1-3	3.6	5- 6/75	PUYALLUP R		
	2,452,850	8,125,2	3.3		1.4		PUVALLUP R		

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

RELEASE	
RELEASE LOCATION	
RELEASE LOGATION	S PUGT SND TRB S PUGT SND TRB
DATE	2/73
RANGE GRAM! FISH	
AVE. GRAM/ FISH	17.4
TOTAL WEIGHT (KGS)	3,635.5
NUMBER OF MIGRANTS	288,400
NUMBER OF SUB- MIGRANTS	0
BROOD	1958-70

TABLE 72.--CDASTAL WASHINGTON DEPARTMENT OF FISH RELEASE OF- GOHO SALMON.

BROOD	NUMBER OF SUB-	NUMBER	TOTAL	AVE. GRAM/	SRANGE	DATE	RELEASE	RELEASE		RELEASE	LON
	MIGRANTS	MIGRANTS	(KGS)	FISH	FISH						
958		318,666	3,015.9	4.6	6.6- 11.3	1/60	HOOD CANAL	HOOD CANAL	TRB		SOUND
656	67,733		399.6	5.8		11/60	HOOD CANAL	CANAL	TRB		SOUND
656		384,314	3, 134,3	18.2	7.9- 11.6	2- 3/61	_	CANAL	TRB		SOUND
096	560,680		194.1	0.3		3/61	HOOD CANAL	HOOD CANAL	TRB		SOUND
096	300,349		1,696.1	5.6	-	6-12/61	HOOD CANAL	CANAL	TRB		SOUND
096		316,157	2,888.9	9.1	7.5- 15.1	1/62		CANAL	TRB	S PUGET	SOUND
196		434,785	2,715.7	6.2		2- 3/63	HOOD CANAL	HOOD CANAL	TRB		SOUND
362		406,787	4,582.2	11.2	11.3-11.6	1- 2/64	1	CANAL	TRB	S PUGET	SOUND
963	152,736		1,796.7	1107	8.0- 17.4	-	HOOD CANAL	CANAL	TRB	S PUGET	SOUND
963		408,626	5,290,2	12.9	11.8- 15.1	3- 4/65		CANAL	TRB		SOUND
496		557,576	9,895.6	17.71			HOOD CANAL	CANAL	TRB		SOUND
365	84,826		33.1	0.3		3/66	32.00	CANAL	TRB	S PUGET	SOUND
965		437,536	12,403,9	28.3		19/4	-	CANAL	TRB		SOUND
996		563,720	15,041.1	26.6			-	CANAL	TRB		SOUND
7967		564,876	12,873.0	22.7	17.4- 23.8	3- 4/69		CANAL	IR8		SOUND
896	667,964		234.5	0.3				CANAL	TRB		SOUND
8968		578,849	13,558.3	23.4	17.4- 23.8	3- 4/70		CANAL	TRB		SOUND
696	371,296		128.4	0.3		3/70	HOOD CANAL	CANAL	TRB	S PUGET	SOUND
696		692,600	15,787.9	22.6		11/4	_	CANAL	TRB		SOUND
0.26	996,912		438.2	4.0			HOOD CANAL	CANAL	TRB		
970	778,559		889.5		0.5- 1.8	12/9 -5		CANAL	TRB		-
0.26		1,785,749	42,745.2	23.9	~		HOOD CANAL	CANAL	TEB		
1 26		1,573,972	43,658.3	27.7	18.1- 37.7		HOOD CANAL	ANAL	TRB	S PUGET	
972	569,720		170.6	0.2		4/73	HOOD CANAL	S PUGT SND	TRB		SOUND
972		1,263,542	41,939.6	33.1	25.5- 41.2	4- 7/74	PUYALLUP R				
973	51,120		16.3	0.3		4114	NISQUALLY R				
973		1,448,215	32,974.4	22.7		5- 6/75					
4 16	88,010		59.0	9.0		5115					
4 16		1,157,290	25,625,2	22.1		4176					
416		496,400	18,763.8	37.7		1/16	PUYALLUP R				
975	413,805		238.1	6		4/16	PUYALLUP R				

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

SEAR	1959-67	1973
NUMBER OF SUB- NIGRANTS		12,410
NUMBER OF MIGRANTS	1,160	
TOTAL MEIGHT (KGS)		
AVE. GRAM/ FISH	••	0.3
RANGE SRANI FISH		
DATE	4/70	4114
RELEASE	4	PUYALLUP R
RELEASE		
RELEASE		

TABLE 74.--CDASTAL MASHINGTON SAMISH MATCHERY RELEASE OF- FALL CHINODK SALMON.

		1681414	4	2002410	o vocation					
BROOD	NUMBER	NUMBER	TOTAL	AVE.	AANGE	DATE	RELEASE	RELEASE	RELEASE	
	MIGRANTS	MIGRANTS	(KGS)	FISH	FISH					
1959	971,272		998.8	0.0	0.7- 1.3	3- 4/60	N PUGT SND TRB	N PUGET SOUND	-	
6561		044014001	2044405	2.3	1.9. 5.8	5- 6/60	PUGT SND	N PUGET SOUND		
1961	639,135		793.8	1.2	1.3- 1.7				SAMISH R	
1961		19173,016	3,170.2	2.7		19/5 -4	PUGT SND	N PUGET SOUND		
1961	380,370		159.1	0.5		3/62	PUGT SND		-	
1961		1 9 483 9 490	3,682.4	2.4	1.5- 3.0	5- 6/62	PUGT SND	N PUGET SOUND		
1962	3440410		154.7	4.0		3/63	SND			
1962	175,000		124.7	1.0		3/63	N PUGT SND TRB	N PUGET SOUND		
1962		1,162,567	3,764.8	3.2	2.5- 4.3	4- 5/63	SND		-	
1963	180,075			0.8		49/4	N PUGT SND TRB	N PUGET SOUND	-	
1963		197729154	6,100.8	No. F	3.1- 3.7	5/64	PUGT SND	N PUGET SOUND	SAMISH R	
9961		2,037,420		Nº 3	3.2- 3.5	5/65	N PUGT SND TRB	N PUGET SOUND		
1965		1,914,108	5,516.6	2.8	2.3. 4.0	2/66	PUGT SND	N PUGET SOUND		
1966		1,794,324		3.4		2167	M PUGT SND TRB	N PUGET SOUND		
1961	423,225		404.2	6.0		3/68	SND		-	
1961		2,050,513	8,205,8	4.0	2.2- 5.0	5/68	SND			
1 96 8	552,000		282.6	0.5		2/69	SND			
1968		3,849,978	13,286.8	4.00	2.2- 4.6	69/5 -4	PUGT SND			
6961	600,000		272.2	4.0		1/70	PUGT SND			
6961		2,944,146	6,887,3	2.3	1.3- 3.7	3- 5/70				
1970	499,879		283.5	0.5		2/71	PUGT SND			
1978		2,907,491	10,877.5	3.7	1.5- 4.5	4- 5/71	PUGT SND	-	I	
1 26 1		2,955,429		4.1	2.9- 4.5	5172	L SOU	S	~	
1 26 1		38,247	3,154,3	82.4		4/73	N PUGT SND TRB		SAMISH R	
1972		4, 152, 993	15,080.3	3.5	2.7- 4:1	5- 6/73	9	N PUGET SOUND	-	
1972		597,849	25,370.3	6.64	m	3/74	SAMISH R			
1973	1,850,880		476.3	4.0		2174	U			
1973	993,695		1,295.0	E . 3		4114	SAMISH R			
1973		4,887,786	18,967,9	3.8	3.4. 4.4	5- 6/74	SAMISH R			
1973		4540912	12,897.0	28.3			SAMISH R			
1974		5,511,898	21,040.8	3.8		5- 6/15				
1974		689°664	13,191.8	26.4		3/16				
1975		4,332,629	15,884.1	3.6	3.3- 4.4	9- 6/76				
1975		491,482	1,559.0	3.1		2116	S PUGT SND TRB			

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

RELEASE RELEASE RELEASE LOCATION LOCATION	PUGET SOUND SAMISH R MISH R MISH R MISH R MISH R MISH R
DATE RELEASES LOG	3-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
RANGE	20
WEIGHT GRAM/ (KGS) FISH	2,634.5 1,821.6 2,953.8 2,523.8 1,63.3 1,63.4 1,63.3 2,413.4 1,63.3 1,63
NUMBER TOTO OF MESANTS (KG	256,876 2,6 275,788 1,8 4,04,619 2,9 315,865 2,9 315,865 2,9 417,376 6,4 4,48,284 9,0 598,415 17,8 598,415 17,8 536,160 14,3 632,413 14,9 632,413 14,9 632,413 14,9 632,413 14,9 632,413 14,9 632,413 14,9
NUMBER OF SUB- MIGRANIS	245,086 20,976 307,380 1,161,510 566,798 639,410 1,420,000 179,936 379,500
8R00D YEAR	1958, 1958, 1961, 1963, 1963, 1964, 1965, 1966, 1966, 1967, 1977,

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

RELEASE										
RELEASE LOGATION										
RELEASE LOCATION		SAMISH R	N PUGET SOUND		6 SAMISH R		SAMISH R		SAMISH R	SAMISH R
DATE		4/62	5/63		3- 5/66 S		3/68		2124	
FRANGE										
AVE. GRAM/ FISH		0.3	6.3		8.5		4.0		0.2	1.2
TOTAL WEIGHT (KGS)	сэ	38.5	29.9	•	5.4	9	9 0	83	1,685.7	1,643.9
NUMBER OF MIGRANTS	0			0		0		0	1,486,400	1,492,000
NUMBER OF SUB- MIGRANTS	•	187,276	79,280	0	22,168	CSD .	17,366	63		
BROOD	1959-68	1961	1962	1963-64	1965	9961	1961	1968-72	1973	4 161

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

		MELENSE	1141	CHIMOOK SALADA	AL HOM.					
BROOD	NUMBER	NUMBER	TOTAL	AVE.	RANGE	DATE	RELEASE	RELEASE	RELEASE	
TEAR	MIGRANTS	MIGRANTS	(KGS)	FISH	FISH	RELEASES	LOCATION	LOCATION	LOCATION	
6561	754,650		526.6	0.6		3/60	HOOD CANAL	S PUGT SNO TRR	NEGT WASH	
1959		2,841,875	88	. 6	1.5- 1.9		1	UNU	1	
1961	2,964,550		2,052,0	9.0		5-		S PUGT SNO TRB		
1 96 0		55,800	168.7	3.0		19/4		SND		
1361	3,216,010		2,878,8	0.8	9.5- 1.0	3.		SND		
-86		500,800	10419.7	2.8				SNO		
1962	2,657,025		2,673,5	0.1	1.1.6.0	3	JA	SND		
1962		498,870	983.8	6.1		5/63		SND		
1963	3,838,679		3,383,8		-	3-		SND		
1963		4,278,849	7,282,9	1.1	1.5- 3.2	2	HOOD CANAL	SND	NESTL HASH	
4961	2,838,760		3,430,1	1.2	-		HOOD CANAL	SNO		
1961		775, 180	2,497.0	3.2	2.1- 3.9	6- 7/65		SND		
1 36 5	3, 291, 640		40 488 . 3	103	1.1- 1.4	3- 4/66		SND		
1965		346,778	1,747.1	5.0		99/9		SND		
9961	1,119,200		1,269.2			4/67		SND		
9961		2,835,290	10,332.8	3.6	1.5- 5.2	2-				
1961	2,773,108		2,193.6	2.0				SND	NGSTL WASH	
1367		1,344,495	4,538.5	3.3	1.9- 4.7	2.	HOOD CANAL	SND		
998	3,340,500		3,030,5	6.0				SND		
968		1,478,660	5,972.8	4.0	2.5- 4.5	69/9 -9				
696	1,899,540		2,260.7	-:		3-	HOOD CANAL	SND		
6961		2,549,125	10.789.3	4.2	2.3- 4.5	+		SND	NCSTL HASH	
0 26 1		664,800	3,769.4	5.6			HOOD CANAL	S PUGT SND TRB	-	
1 26 1		1,034,947	7,971.9	7.7	3.9- 25.1	2-	HOOD CANAL			
1 26 1		186,618	8,182.8	76.7		3-	SATSOP R	0		
1972	1,116,820		1,333,1	:			NISQUALLY R			
1972		844.660	4,139.9	4.3		2	CHEMALIS R			
1973		252,986	4,113.6	16.2	5.3- 41.2	-9	SATSOP R	WYNOOCHEE R		
1973		128,687	6,208,8	48.2			SATSOP R			
1974	150,080		1.8.1	:						
1974		151,521	4,042.9	26.6		11/75				
1 37 4		315,642		1000		1- 3/76	SATSOP R			
1975		99,864	۳,	3.9		91/9				
1975		458,450	3,533.5	8.2		91/6	HYNOOCHEE R			

TABLE 78.--CDASTAL MASHINGTON SIMPSON HATCHERY - MASHINGTON DEPARTMENT OF FISH RELEASE OF- GOND SALMON.

BR 000	MUMBER	NUMBER	TOTAL	AVE	RANGE	DATE	RELEASE	RELEASE	RELEASE
YEAR	OF SUB-	0F	MEIGHT	GRAM/	SRAM	RELEASES	LOCATION	LOCATION	LOCATION
	HIGRANTS	MIGRANTS	(KGS)	FISH	FISH				
958		652,731	6,858,3	80°5	13.9- 14.1	1- 3/60	NCSTL WASH		
656		780,298	6,815,5	8.5		1- 3/61			
96 8	686,889		4,224.8	6.1		9-18/61			
1961		510,545	4,459.7	8.7	-	1/62			
196	1,172,564		7,507.9	6.4		9-12/62			
1962	1,213,757		3,618.8	2.9		6-11/63			
1962		1,145,045	17,813,9	15.5	-	1- 4/64			
1963	150,000		453.6	3.0		8/64			
1963		1,222,381	17,845.7	14.6	12.9- 18.1	2- 4/65			
1961	589,248		2,269.8	404	2.5- 7.5				
1961		1,319,325	24,852.8	8.8	N	1- 4/66			
1965	1410470		298.5	2.1		99/9			
1965		1,288,389	33,333,1	25.8	18.1- 28.3	3- 5/67			
9961	1,362,422		497.5	0.3					
9961	59,080		679.0	11.3		10/67			
9961		1,541,636	28,779.5	18.6	14.1- 22.6	2- 4/68			
1961	68,810		24.5	6.3					
1961	17,000		45.4	2.6		7/68			
1961		1,633,195	37,068.3	22.6	20.5- 25.6	5- 5/69			
896	185,800		67.6	0.3		3/69	NGSTL WASH		
8961	4,500		34.8	7.5		8/69			
896		1,564,002	43,388.4	26.0	22.6- 28.3	4/70			
6961	755,490		711.2	6.0	3.6- 1.8	4- 5/70			
696		2,225,080	61,616.9	27.6	143	3- 4/71			
1970	333,800		544.3	9.1					
0.26		2,205,805	64948402	29.1		4/72	NCSTL HASH		
1 26 1		1,936,788	52,925,2	27.3	22.6- 32.3	3- 6/73	NCSTL MASH		
1972		2,333,688	64,696.3	27.7		5/14	CHEHALIS R	SATSOP R	WYNOOCHEE R
1973	1,272,605		3,385.2	2.6		4- 7/74	CHEMALIS R	SCSTL WASH	WY NOOCHEE R
1973		482,960	14,013.7	29.0		4- 5/75		SATSOP R	
1973		1,075,161	29,058,9	27.0		4- 5/75	HUMPTULIPS R	GRAYS HBR TRIB	
1 97 4	999,240		1,718.2	1.1		5115	CHEMALIS R	WYNOOCHEE R	ഗ
976		403,400	18,568.7	26.1		9114	CHEHALIS R	HUMPTULIPS R	WYNOOCHEE R
4 16		1,117,629	25,938,2	23.2		4- 5176	CHEHALIS R	GRAYS HBR TRIB	
1975	525,000		952.5	- 8		9119	CHEHALIS R		

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

RELEASE LOGATION													
REI													
RELEASE													
22													
RELEASE LOCATION	ALIS R	ALIS R	ALIS R	ALIS R	ALIS R	ALIS R	ALIS R		ALIS R	ALIS R		SATSOP R	ALIS R
E CO	CHEM	CHEM	CHEN	CHEM	CHEM	CHEMALIS	CHEH		CHEH	CHEH		SATS	CHEH
DATE	4/60	3/61	19/5	4/62	4/63	49/4	4/65		- 4/68	3/69		4/15	5/76
REI									'n				
SANGE SRAM/ FISH			1.1 -6.0										
W (2) IT			9.9										
AVE. GRAM/ FISH						7.8			4.0			6.0	
TOTAL WEIGHT (KGS)	653.2	111.6	875°4	20.4	469.5	220.8	45.4	•	126.5.	94.3	0	16.3	338.4
NUMBER OF Migrants	892,800		820,000		736,575	291,000		•			0	18,000	249,910
NUMBER OF SUB- MIGRANTS		246,000		63,000			100,000	0	299,075	228,500	•		
BROOD YE AR	6561	1961	1961	1961	1962	1963	1961	1965-66	1961	1968	1969-73	4 16 1	1975

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

RANGE DATE RELEASE RELEASE RELEASE SELEASE GRAM/ RELEASES LOCATION LOCATION FISH	4/60 N PUGET SOUND N PUGT SND	. 2.0 5-6/60 N PUGET SOUND N PUGT SND	5- 6/61 N PUGET SOUND N PUGT SND	2- 3/62 N PUGET SOUND N PLICT SND	4/67 N PURET SOUND N PUET SND	N DICET COIND A DICT CAD	3/63 N PHEET COUND N PHET CAN	N PHEFF COUNTY N DICT	N PUGET SOUND IN PUGET SNU	1- 2/64 N PUGET SOUND M PLICT SND	1.0 3/64 N PUGET SOUND N PUGE SND	N PUGET SOUND N PUGT SND	1- 2/65 N PUGET SOUND N PUGT SND	N PUGET SOUND N PUGT SND	3.0 5- 6/65 N PUGET SOUND N PUGT SND	N PUGET SOUND N PUGT SND	N PUGET SOUND N PUGT SND	3.9 6/67 N PUGET SOUND N PUGT SND	4- 4-5 6/68 N PUGET SOUND N PUGT SND	3.4 6/69 N PUGET SOUND N PUGT SND	SOUND N PUGT SND	- 4.1 6/70 N PUGET SOUND N PUGT SND	N PUGET SOUND N PUGT SND	N PUGET SOUND N PUGT SND	5/72 N PUGET SOUND N PUGT SND	CVACTT D	JAK GOL	SAMISH	SAMISH R	SAMISH	SAMISH R STLLAGUAMISH SAMISH R SAMISH R
KGS FISH	943.2	200676	-	967.5		.739.1	313.5			9446	586.5 0.7					518.8	763.4 0.7	219.7	063.6	9271.7 2.9		347.6		8 * 496	164.1 7	280.7		420.7	420°7	420°7 297°7 201°6	297°7
NUMBER TO NOT MAIGRANTS (1 227 762 1		2,746,218			2.015.043 4			1,469,018			2,055,595 5			2,560,151 6			2,669,786 9,	2,829,687 11										414,269 12		
NUMBER OF SUB- MIGRANTS	2,291,737			1,888,588	788,455		1,585,292	196,334		1,978,850	736,693		1,664,950	100,500			1,059,591				2920400								2,509,961	2,519,961	2,509,961
BROOD YE AR	1959	666	1960	1961	1961	1961	1962	1962	1962	1963	1963	1963	1961	1961	4961	1965	9961	9961	1961	1968	6961	6961	1970	1 37 1	1 26 1	1972.		1972	1972	1972 1973 1973	1972 1973 1973

TABLE 61.--COASTAL WASHINGTON SKAGIT HATCHERY RELEASE OF- SPRING CHINOOK SALHON.

BROOD	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	SRANGE SRAN/ FISH	H KE	DATE	RELEASE LOGATION	RELEASE LOCATION	RELEASE
6561	1,029		3.6	3.4	2.5- 4.8		6- 8/60	•.	*	
1959		35,854	427.3	6.11			12/60	••		
1961	94.470		374.2	3.9	3.6- 4.2	4.2	19/9	٠.		
1961		130,480	1,782,2	13.6	12.2-	15.1	1/62	-		
1961	224,728		370.6	1.6			6/62	SKAGIT R	STLLAGUAMISH R	
1962-70	0		-							
1261		14,696	1,119.8	75.5			5/73			
1972		84,920	4,815,3	56.7			5/74			
1973		90,935	3,437.3	37.7			3/75			
1974		45,540	2,005,3	44.8			3/16	SKAGIT R		

TABLE 82.--COASTAL WASHINGTON SKAGIT HATCHERY - WASHINGTON DEPARTMENT OF FISH RELEASE OF- COMD SALMON.

SE	NOI	~	œ	~	~	~	~	~	~	~	~	~	~	~	~	. ~	~	~	~	~	~	04	2	~	~	~	~	GUAMISH R							AMISH R	
RELEASE	LOCATION	SKAGIT				SKAGIT			SIT	SIT		SIT			SIT						SKAGIT			SKAGIT	SKAGIT	SKAGIT	SKAGIT	STLLAGU							STLLAGUAMISH	
	7	O TRB		D TRB		O TRB					0 TRB		D TRB	O TRB	D TRB	J TRB								J TRB	D TRB			J TRB	S						ď	
RELEASE	LOCATION	N PUGT SND	PUGT	PUGT	PUGT	PUGT	PUGT	PUGT	PUGT	PUGT		N PUGT SND	PUGT	N PUGT SND	N PUGT SND	N PUGT SND			N PUGT SND	N PUGT SND	PUGT	PUGT	PUGT	N PUGT SND	FLLAGU	SKAGIT R					SNOHOMISH					
111	N.	SOUND	SOUND	SOUND	SOUND	SOUND	SOUND	SOUND	SOUND	SOUND	SOUND	SOUND	SOUND	SOUND	SOUND	SOUND	SOUND	SOUND	SOUND	SOUND	SOUND	SOUND	SOUND	SOUND	SOUND	SOUND	SOUND	SOUND		SND TRB						
RELEASE	LOCATION	PUGET		PUGET	PUGET	PUGET	PUGET	PUGET	PUGET	PUGET	PUGET		PUGET	PUGET	N PUGET	N PUGET	PUGET	PUGET	PUGET	N PUGET	PUGET	PUGET		PUGET	PUGET	PUGET	N PUGET	-			SKAGIT R		KAGIT	SAMISH R	SKAGIT R	
DATE	RELEASES	2/60	12/60			9-11/61		4/62	8/62		3- 4/63		4-12/64	1- 3/65	51/65	1- 3/66	8/66	4/67	5/68	3/68	3- 4/69	3/69	4/70	4/70	4/70	3- 4/61	5172	3/72				- 5174		5115	3- 4/75	
u co	+ +	18.7	9.6	0.01		7.6	0.0			9.8		18.8	11.3	100		8.1					23.8					23.8			45.3		25.1					
MAN	FISH	5.3	9.6	5.70		504	80 00			3.4-		.6.	9.7.	-6.		-1001					18.1-					20.5-			12.2- 1		20.6-					
AVE.	FISH	7.80	9.5	8.6	0.3	6.3	9.6		2.8	7.0	E . B	14.3	6.9	10.5	-	17.2	2.0	26.6	25.1	9.5	23.2	0.5	26.6	0.5	0.6	22.9	23.8	0.3	2402	0.3	24.9	0.3	15.7	16.1	0.3	
TOTAL	KEIGHT (KGS)	4.829.9	845.5				7.152.2			5°454°B	198.2	12,316.8		6,298,5	158.7	21,557,9		34,976.1	42,400.9	157.9	31,737.4	246.3			78.5			296.6				585°5			1,188.4	
HUMBER	MIGRANTS	550,238		817,319			754,372			7719775		861,312		546,130		1,250,415		1,310,853	1,682,568		1,362,287		1,711,493			1,872,142	1,282,491		1 , 566, 949		2,454,154		1,071,420	1,113,940		
NUMBER	MIGRANTS		88,518		2,685,164	380 . 628		1,163,121	49,700		542,000		638,482		149,916		66,499			568,980		890,520		371,258	121,100			915,600		805,000		1,485,417			3.316.928	
88000		1958	1959	1959	1961	1961	1961	1961	1961	1962	1962	1962	1963	1963	1 96 1	1961	1965	1965	1966	1961	1961	1968	1968	6961	6961	6 96 1	0 16 1	1261	1 251	1972	1972	1973	1973	1973	1974	

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

	RELEASE				SKAGIT R				
	RELEASE		N PUGET SOUND		N PUGT SND TRB SKAGIT R				
	RELEASE	5760 SKAGIT R	N PUGT SND TRB		N PUGET SOUND	SKAGIT R	SKAGIT R	SKAGIT R	SKAGIT R
	DATE RELEASES	2/60	4- 5/60		5/72	6/73	41/9	5- 6/75	91/9
	RANGE GRAM/ FISH					10.7- 109			
*	AVE. GRAM/ FISH	8.0				0			
KELEASE OF SHOW SALMON	TOTAL WEIGHT (KGS)	157.9	479°9	-	259.5	3,252.7	5,072,1	4,233.4	4 . 84
KELCASE	NUMBER OF MIGRANTS	196,620	889,580	0	463,320	3,098,166	3,789,336	4,586,418	27.946
	NUMBER OF SUB- MIGRANTS			•					
	BROOD	959.	626	960-70	971	972	973	4 16	975

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

RELEASE			
RELEASE			
RELEASE	SKAGIT R	SKAGIT R	SKAGIT R
DATE RELEASES	3/72	41/9	4- 5/76
CRANGE FISH		1.1- 1.7	
AVE. GRAM/ FISH	4.0	1.2	6.5
TOTAL WEIGHT (KGS)	15.9	590.5	8,346.8
NUMBER OF MIGRANTS	38,580	476,216	2,576,817
NUMBER OF SUB- MIGRANTS	Q	a	•
BROOD	1958-78	1972-74	1974

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

RELEASE	
RELEASE	
RELEASE	SKAGIT R SKAGIT R SKAGIT R SKAGIT R
OATE RELEASES	4/60 4/61 4/62 5/74
ZANGE GRAM/ FISH	75.5- 90.7
AVE. GRAN/ FISH	65.5 100.7 90.7 56.6
TOTAL WEIGHT (KGS)	2,081-1 1,641-6 1,898-6 1,715-9
NUMBER OF MIGRANTS	24,312 16,286 28,840 30,248
NUMBER OF SUB- NIGRANTS	G
BROOD	1960. H 1961. H 1962-71

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

BROOD	NUMBER	NUMBER	TOTAL	AVE.	RAN	SE	DATE	RELEASE	RELEASE	RELEASE	
YEAR	OF SUB- MIGRANTS	MIGRANTS	WEIGHT (KGS)	6RAM/ FISH	FISH	÷ =	RELEASES	LOCATION	LOCATION	LOCATION	
6561	769.340		1.016	171	- 1 - 1	40	4- 5/60	S PUGET SOIND	G HOTHOHON	STIT A SHANTSH P	
1959		785,250	1.498.2	6	1.7-	2.4) V			4
1961	581,178		69206	-		•		PUGET	SNOHOMISH R	STLLAGUAMISH R	
1961		1,215,689	2,792,8	2.2	1.6-	2.5	19/5 -4	PUGET			
1961	1,152,596		621.9	0.5			3/62	_			
1961	361,420		482.2	F • 7			4/62	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R	
1961		19459,161	3,228°2	2.2	2.8-	2.3	5- 6/62	S PUGET SOUND	SNOHONISH R	I	
1962	1,592,597		781.1	4.0			3/63	S PUGET SOUND	SNOHOM ISH R	STLLAGUAMISH R	
1962	\$99*510		335.7	9.0			3/63	S PUGET SOUND	SNOHOMISH R		
1962		1,960,558	2, 122,8	2.0	-9.	203	4- 5/63	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R	
1963		1,858,252	4,354.9	2.3	1.3-	2.7	2- 6/64	S PUGET SOUND	SNOHOMISH R	STLLAGUANISH R	
1961	2,445,880		1,180.2	4.0			3/65		SNOHOMISH R	-	
1 96 4	539,964		437.3	0.0			3/65	S PUGET SOUND	SNOHOMI SH R	-	
1961		1 9 4 5 6 9 8 1	3, 137,8	2.1	1.7-	5.6	51/65	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R	
1965	1,830,454		1,124.9	-	0.7-	1.5		PUGET	SNOHOMISH R	STLLAGUAMISH R	
1965		104100175	4.461.4	5.9	2.6-	3.4	2- 6/66		SNOHOMISH &		
9961	614,780		389.8	0.5			2/67	PUGET		STLLAGUAMISH R	
1966		1,465,193	5,987.6	B. 6			2167	PUGET			
1961		1,753,833	5,686,2	3.2	-00-	404	2/68		SNOHOMISH &	STLLAGUAMISH R	
1968	1,327,591		620.5	7.0							
1 96 8		194.064.	2,994.7	4.0	3.1.	204	5- 6/69	PUGET			
686	301,350		333.4					PUGET	SNOHOMISH R		
1969		1,583,430	5,279,8	3.5	2.8-	9.+	4- 6/70	PUGET	SNOHOWISH R		
1970	1,541,000		734.8	7.0				PUGET	SNOHOMISH R		
1970		2, 869, 567	5,974,3	2.8	-5-	403	5- 6/71	S PUGET SOUND	SNOHOMISH R	STLLAGUANISH R	
1 26 1		2,495,742	7,653,9	3.0	1.7-	0 . 4	5- 6/72	S PUGET SOUND	SNOHOMISH R	STLLAGUAMISH R	
1972	368,000		177.8	4.0				H			
1972	611,150		678.0	-	9.6-	4.		SNOHONISH R	STLLAGUAMISH R		
1972		1,046,365	4.104.1	3.9	3.2.	5.1	5- 6/73	SH			
1972		492,000	9 11 5.8	2.2			5/13				
1973	136,580		176.9	1.2			4114	SULTAN R			
1973		1,358,589	5,174,6	3.8			4119	SKYKONISH R			
1973		21,600	476.3	22.6			2/15	~			
1973		4559518	12,194.6	56.6							
1 97 4	785,463		863.2	0.	- + - 0	9.1	2- 5/15		N PUGET SOUND	SKY KOMISH R	
1974		1,755,524	6,333,1	3.6	30 fr	4.0	6/15				
4 16 1		501,636	33,461.5	66.7		,	3/16	SKYKOMISH R			
1975		2,179,324	7,630.8	2.1	2.3-	3.0	9119	SKYKOMISH R			

TABLE 87.--CDASTAL WASHINGTON SKYKOMISH HATCHERY - WASHINGTON DEPARTMENT OF FISH RELEASE OF- SPRING CHINODK SALMON.

-										
119,625 1,964,1 16,3 11,9-26,6 8-10/72 SULTAN R 13,626 1,544,9 113,3 2,2-5,2 5-6/73 SKWKOHISH R 229,506 39,991 1,591,2 39,7 4/74 SKWKOHISH R 48,067 1,453,3 30,2 37,6 SKWKONISH R 68,661 3,575,2 52,0 1-3/76 SKWKONISH R	EAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	GRAH	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	LOCATION
119,825 1,964.1 16.3 11.9-26.6 8-10/72 SULTAN R 13,626 1,544.9 113.3 2.2-5.2 5-6/73 SKWKOMISH R 39,991 1,591.2 39.7 4,74 SKWKOMISH R 48,067 1,453.3 38.2 37.5 SKWKOMISH R 68,661 3,575.2 52.0 1-3/76 SKWKOMISH R	58-70	a	C	•						
229,506 1,544.9 113.3 2.2- 5.2 5-73 SNOHOMISH R 1,046.0 4.5 2.2- 5.2 5-6/73 SKYKOMISH R 48,067 1,453.3 30.2 1-3/76 SKYKOMISH R 58,661 3,575.2 52.0 1-3/76 SKYKOMISH R S			119,825	1,964,1	16.3	11.9- 26.6	8-10/72	SULTAN R		
229,506 39,99! 1,591.2 39.7 2.2- 5.2 5-6/73 SKYKOMISH R 48,067 1,453.3 30.2 3/75 SKYKOMISH R 68,66! 3,575.2 52.0 1-3/76 SKYKOMISH R			13.626	1.544.9	113.3		2/13	SNOHOMISH R		
39,991 1,591.2 39.7 4/74 SKYKONISH R 48,067 1,453.3 38.2 3/75 SKYKONISH R 68,661 3,575.2 52.0 1-3/76 SKYKONISH R		229.586		1.046.0	4.5	2.2- 5.2	5- 6/73	SKYKOMISH R		
48,067 1,453.3 38.2 3/75 SKYKOMISH R 68,661 3,575.2 52.0 1-3/76 SKYKOMISH R S			39,991	1,591.2	39.7		4//4	SKYKOMISH R		
68,661 3,575.2 52.0 1-3/76 SKYKONISH R S	M		48,067	1.453.3	38.2		3/75	SKYKOMISH R		
	4		68,661	3,575.2	52.0		1- 3/76	SKYKOMISH R	SULTAN &	

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

	NUMBER			RELEASE	0F- COHO	SALMON.					
MIGRANTS	MIGRANTS	ROOD	NUMBER OF SUB-	NUMBER	TOTAL	AVE.	RANGE GRAN/	OATE RELEASES	RELEASE	RELEASE	RELEASE
89, 504 (439,611 (4,222,4 9,7 10,5 - 11,3 1/66 S PUGET SOUND S PUGET SOU	89,204 69,601 4,522,4 9,7 2,6 3,6 1,6 6 9 PUEET SOUND S PUET SND SND S PUET SND SND SND S PUET SND S PUET SND S PUET SND S PUET SND		MIGRANTS	MIGRANTS	(KGS)	FISH	FISH				
1,000 0,00	1,00,00	80		439,611	4,282.4	7.6	=	1/60		PUGT SND	
7.86,760 699,600 4,167,9 7,3 5,9 9,8 1/6 5 9 40 6FT SOUND S PUGET SOUND	788,760 699,600 4,567,9 7,3 5,8 9,8 1/61 5 PUGET SOUND 5 P	65	80,204		254.9	3.1	m	09/6		PUGT SND	
788,760	788,760 271,2 0.3 2-3/61 S PUGET SOUND S PUGET SOUND 297,609 463-966 4,796.3 6,2 1.3 1,62 S PUGET SOUND S PUGET SOUND 444,400 684,723 4,726.3 10.3 9.6-11.3 1,726 S PUGET SOUND S PUGET SOUND 294,640 531,857 9,334.6 10.3 1,726 S PUGET SOUND S PUGET SOUND 296,950 774,117 12,551.8 10.3 11.3-19.7 1-2/65 S PUGET SOUND S PUGET SOUND 175,421 784.117 12,551.8 10.3 11.4-2.6 S PUGET SOUND S PUGET SOUND 220,720 335.61 10.3 11.4-2.6 S PUGET SOUND S PUGET SOUND 220,720 335.61 10.3 11.4-2.6 S PUGET SOUND S PUGET SOUND 220,720 35.61 10.3 11.4-2.6 S PUGET SOUND S PUGET SOUND 220,720 35.61 27.6 S PUGET SOUND S PUGET SOUND S PUGET SOUND 41,730 41,30 41,3	29		609,600	4.467.9	7.3	o			PUGT SND	
294,649 463,986 463,986 463,783 465 294,640 684,723 47,784,2 115,2 10,3 115,4	294,640 644,723 645,724 644,72	90	788,760		271.2	0.3		2- 3/61		PUGT SND	
444,400 463,906 4,796,3 16,3 9,6-11,3 1/62 S PUGET SOUND S PUGET SOUND 294,640 684,723 4,724,2 7,6 7,6 5 PUGET SOUND S PUGET SOUND 294,640 531,357 9,394,8 17,6 1,6 1,1-12/62 S PUGET SOUND S PUGET SOUND 996,950 774,117 12,551,8 16,2 11,3-19,7 1-2/64 S PUGET SOUND S PUGET SOUND 220,720 78,861 16,2 11,3-19,7 1-4/65 S PUGET SOUND S PUGET SOUND 220,720 78,861 16,2 11,4-22,6 1-4/65 S PUGET SOUND S PUGET SOUND 220,720 16,1 17,4-22,6 1-3/65 S PUGET SOUND S PUGET SOUND 220,720 16,2 15,1-18,1 1-3/65 S PUGET SOUND S PUGET SOUND 220,70 16,2 15,1-18,1 1-3/65 S PUGET SOUND S PUGET SOUND 26,8 23,418,5 27,5 18,1-18,3 27,6 S PUGET SOUND S PUGET SOUND 2	\$\$\text{64,400}\$\$ \$\text{647,23}\$\$ \$\text{647,240}\$\$ \$\text{647,240}\$\$ \$\text{647,240}\$\$\$ \$\text{647,400}\$\$\$ \$\text{647,400}\$\$\$ \$\text{647,400}\$\$\$ \$\text{647,400}\$\$\$ \$\text{647,400}\$\$\$ \$\text{647,400}\$\$\$\$ \$\text{647,400}\$\$\$\$ \$\text{647,400}\$\$\$\$ \$\text{647,400}\$\$\$\$ \$\text{647,400}\$\$\$\$ \$\text{647,400}\$\$\$\$ \$\text{647,400}\$\$\$\$ \$\text{647,400}\$\$\$\$ \$\text{647,400}\$\$\$\$ \$\text{647,400}\$\$\$ \$\text{647,400}\$\$\$\$ \$\text{647,400}\$\$\$\$\$ \$\text{647,400}\$\$\$\$\$\$\$\$\$ \$\text{647,400}\$	CS	297,809		1,961,3	6.5	5	7-12/61		PUGT SND	
966,950 966,723 4,724,400 9 Puger 5 Puger	296,940 684,723 4,166,7 7.6 6.2 - 18.0 11-16.62 S PUGET SOUND S PUGET SOUND 296,940 531,357 9,16,22 7.6 15.1 - 19.7 1-2/64 S PUGET SOUND S PUGET SOUND 996,920 774,117 12,551.8 16.2 11.3 - 19.7 1-2/64 S PUGET SOUND S PUGET SOUND 220,720 835,874 15.1 - 19.7 1-2/64 S PUGET SOUND S PUGET SOUND 220,720 835,874 15.6 - 19.3 17.4 - 22.6 1-2/64 S PUGET SOUND S PUGET SOUND 220,720 835,874 15.6 - 19.3 17.4 - 22.6 1-3/65 S PUGET SOUND S PUGET SOUND 220,720 835,874 27.5 15.1 - 18.1 1-3/65 S PUGET SOUND S PUGET SOUND 220,720 836,836 15.6 - 28.3 2-6/65 S PUGET SOUND S PUGET SOUND 220,720 836,836 2-6,730 2-16.5 2-17.0 S PUGET SOUND 220,800 800 2-17.0 2-17.0 2-17.0 2-17.0	200		463,986	4,796.3	10.3	=	1/62		PUGT SND	
294,640 294,64	294,640 531,357 64,724,2 7,6 531,357 7,4,172,2 7,5 7,6 7,6 7,6 7,7 7,6 7,6 7,7 7,6 7,6 7,7 7,7	100	204.444		158.7	0.3		4/62		PUGT SND	
296,956	296,956 774,117 12,951.8 16.2 11.3 - 19.7 1 - 2/64 5 PUGET SOUND S PUGET SNOW 996,950 774,117 12,951.8 16.2 11.3 - 19.7 1 - 2/64 5 PUGET SOUND S PUGET SNOW 175,421 776,117 12,951.8 16.2 11.3 - 19.7 1 - 4/65 5 PUGET SOUND S PUGET SNOW 220,720 835,874 13,688.7 16.2 15.1 - 18.1 1 - 3/66 5 PUGET SOUND S PUGET SNOW 861,875 23,644.0 2.8,3 2.7 15.1 - 18.1 1 - 3/66 5 PUGET SOUND S PUGET SNOW 96,972 23,644.0 2.8,3 2.7 16.1 - 18.1 1 - 3/67 5 PUGET SOUND S PUGET SNOW 96,972 22,54 18.5 27.5 11.5 - 28.3 3 - 5/69 5 PUGET SOUND S PUGET SNOW 96,874 18.5 27.5 11.5 - 28.3 3 - 5/69 5 PUGET SOUND S PUGET SNOW 96,874 18.5 27.5 11.5 - 28.3 3 - 5/69 5 PUGET SOUND S PUGET SNOW 97,974 18.5 18.5 18.5 18.5 18.5 18.5 18.5 18.5			684,723	4,724.2	7.8	-			PUGT SND	
996,950 774,117 12,551.8 16,2 11,3-19,7 1-4/65 80,60.8 17,4-117 12,551.8 16,2 11,3-19,7 1-4/65 80,60.8 80,7 12,61.8 13,61.8 13,61.8 14,70 14,70 15,61.8 15,10.8 16	996,950 774,117 12,951.8 17.6 15.1-19.7 1-2/64 S PUGET SOUND S PUGET SNOW S PUGET S	25	294,540		115.2	0.3				PUGT SND	
996,950 1754,21 1754,730 1754,31 1754,31 1754,31 1754,31 1754,31 1754,31 1754,32 1754,31 1754,31 1754,31 1754,31 1754,31 1754,31 1754,32 1754,31 17	996,950 996,950 175,421 774,117 12,551,81 16,2 11,31,421 175,421 783,851 15,187,6 835,074 13,618,7 16,2 16,2 17,4- 17,5178,780 916,324 16,2 16,18,18,18 16,2 16,18,18 16,2 16,18,18 16,18,18 16,18,18 16,18 17,4- 16,2 16,18 16,18 18,1	100		531,357	9,394.8	17.6	-			PUGT SND	
			996.950		356.1	0.3		2/64		PUGT SND	
175,42 783,85 15,187.6 16,5 17,4-22.6 1-3/65 5 PUGET SOUND S PUGT SND 220,720 84,1875 23,644.0 26,3 15,1-18.1 1-3/67 S PUGET SOUND S PUGT SND 24,1875 23,644.0 26,3 27.5 21,5-28.3 3-5/69 S PUGET SOUND S PUGT SND 27,48 27,5 21,5-28.3 3-5/69 S PUGET SOUND S PUGT SND 27,48 27,5 16,1-38.2 2-7/10 S PUGET SOUND S PUGT SND 27,48 27,5 21,5-28.3 3-5/69 S PUGET SOUND S PUGT SND 27,48 27,5 21,5-28.3 3-5/69 S PUGET SOUND S PUGT SND 27,48 27,7 2 PUGET SOUND S PUGT SND 27,48 26,4 26,5-31.2 2-7/70 S PUGET SOUND S PUGT SND 27,48 27,7 2 PUGET SOUND S PUGT SND 27,48 26,4 26,5-31.2 2-7/70 S PUGET SOUND S PUGT SND 27,48 27,7 2 PUGET SOUND S PUGT SND 27,48 26,4 26,5-31.2 2-7/70 S PUGET SOUND S PUGT SND 27,48 26,4 26,5-31.2 2-7/70 S PUGET SOUND S PUGT SND 27,48 27,7 2 PUGET SOUND S PUGT SND 27,48 27,47 2 PUGET SOUND S PUGT SND 27,48	175,42 783,85 15,1876 19,3 17,4-22.6 1-3/66 5 PuGET SOUND 5 PuGT SNUD 220,720 035,074 13,680.7 16,2 15,1-10 1-3/65 5 PuGET SOUND 5 PuGT SNUD 5 PuGT	M		774.117	12.551.8	16.2	-			PUGT SND	
220,720	220,720		175.621		295.3	1.6		6/65		PUGT SND	
220,720 835,074 13,618.7 10,3 15,11.18.1 1-366 S PUGET SOUND S PUGT SNUD 641,032 23,418.5 23,418.5 27.5 21,6-28.3 3-5/69 S PUGET SOUND S PUGT SNUD 51,428,552 879,658 23,418.5 27.5 21,6-28.3 3-5/69 S PUGET SOUND S PUGT SNUD 588,810 21,632,418.5 27.5 21,6-28.3 3-5/69 S PUGET SOUND S PUGT SNUD 588,810 22,936.1 22,4 26,5 31.2 2-5/70 S PUGET SOUND S PUGT SNUD 588,810 22,936.1 22,4 26,5 31.2 2,5/71 S PUGET SOUND S PUGT SNUD 588,810 22,936.1 22,4 26,5 25,1 3-5/72 S PUGET SOUND S PUGT SNUD 525,810 10,810.3 22,5 45,3 22,5 45,3 37,7 S PUGET SOUND S PUGT SNUD 578,640 10,810.3 10,4 23,938 18,561.0 23,8 34,775 SKYKOMISH R SULTAN R 250,000 4,775 SKYKOMISH R SULTAN R 4,776 SK	220,720 835,874 13,618.7 10,3 15,11.1 1-15.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1	4		783.851	15,187,5	19.3				PUGT SND	
835,074 13,686,7 16,2 15,1-16,1 1-3/67 S PUGET SOUND S PUGT SOUND S PU	835,074 13,686.7 16.2 15.1-18.1 1-3/67 S PUGET SOUND S PUGT SOUND S PU		220.720			80.3		3/66		PUGT SND	
641,675 641,675 641,675 641,675 641,675 641,675 641,675 641,675 641,675 641,675 641,675 641,675 641,675 641,675 641,675 641,675 641,676 641,776 641,77	1,778,784	u		835.874		16.2		1- 3/67		PUGT SND	
178,784 85,647.6 27.5 21.6 - 28.3 3 - 5/69 S PUGET SOUND S PUGT SOU	1,778,784			841.875	23,844.0	28.3		5/68		PUGT SND	
16,324 25,647.0 27.9 16.1+ 30.2 2-5/70 S PUGET SOUND S PUGT SOUND S PUGT SOUND 29,64.5 29,64.5 20.7 26,64.5 20.7 26,65-30.2 27.7 S PUGET SOUND S PUGT SOUND 29,64.5 26,64.5 26,65-30.2 27.7 S PUGET SOUND S PUGT SOUND	1,778,788	1		851,438	23,418.5	27.5				PUGT SND	
1.778,788	1.778,788	. 00		916,324	25,647.8	27.9				PUGT SND	
428,552 428,552 428,563 28,996,1 28,4 28,4 28,4 28,4 28,4 28,4 28,4 28,4	\$66.86	0	1.778,780		684.9	B . 3		2/78		PUGT SND	
588,800 691,500 21,835.5 24,936.1 28,4 26,4 26,5 30,5 26,1 30,4 27,1 3 PUGET SOUND S PUGT SND 25,7 26,3 22,5 4,7 2 S PUGET SOUND S PUGT SND 25,7 25,0 36,4 22,5 3	568,800 698,500 256,4 6,4 6,4 6,4 6,4 6,4 6,4 6,4 6,4 6,4		420,552		294.4	1.0		4/70		PUGT SND	
566,800 698,500 252.7 660,800 698,500 252.7 660,800 6413,000 610,840,3 22,6-45,3 22,6-45,3 27.3 57.3 59.651 50.5 50.5 60.8 60.8 60.1 60.8 60.1 60.8 60.1 60.8 60.1 60.8 60.1 60.8 60.1 60.8 60.1 60.8 60.1 60.8 60.1 60.8 60.1 60.8 60.1 60.8 60.1 60.8 60.1 60.8 60.1 60.1 60.1 60.1 60.1 60.1 60.1 60.1	568,800 264,4 6,4 264,5 21,55-25,1 3-572 S PUGET SOUND S PUGT SND S PUGT	0		879,658	24,936.1	28.4		5/71		PUGE SND	
660,860	660,800	d	588,890		264.4	9.4		11/4		PUGT SND	
668,880 4,13,000 10,840,3 24,3 22,5-45,3 5/73 S PUGET SOUND S PUGT SND 199,1 0,3 22,5-45,3 5/73 S PUGET SOUND S PUGT SND 199,1 0,3 22,5-45,3 5/73 S PUGET SOUND S PUGT SND 199,1 0,0 824,6 1,0 0,3 3/73 S PUGET SOUND S PUGT SND 17,8,069 704,052 25,682,4 36,4 23,8 4-7/74 SKYKOMISH R SULTAN R 5978,640 380,828 11,078,1 29,0 0,4 3-4/75 SKYKOMISH R SULTAN R 550,00 4,535,9 18,1 29,0 150 3-4/75 SKYKOMISH R SULTAN R 126,250 2,290,6 18,1 4/76 GREN R 4/76 GREN R 60,100 1,090,4 18,1 12,580 2,041,2 18,1 112,580 2,041,2 18,1 112,580 2,041,2 18,1 112,580 2,041,2 18,1 112,580 2,041,2 18,1 112,580 2,041,2 18,1 112,580 2,041,2 18,1 112,580 2,041,2 18,1 112,580 2,041,2 18,1 18,1 19,1 19,1 19,1 19,1 19,1 19,1	668,880 4,13,000 10,840,3 24,3 22.5-45.3 5/73 S PUGET SOUND S PUGT SND 199.1 0.3 3/73 S PUGET SOUND S PUGT SND 199.1 0.3 3/73 S PUGET SOUND S PUGT SND 199.1 0.3 3/73 S PUGET SOUND S PUGT SND 199.1 0.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1			898 . 588	21,835.5	24.5	.5- 25			PUGT SND	
525,000	525,000	-	658.882		252.7	0.3		4/72	PUGET	PUGT SND	
525,000 778,069 778,06	525,000 778,069 778,06	-		413,000	10,840,3	24.3		5/73		PUGT SND	
778,069	778,069	. 2	525.000		199.1	6.3		3/73		PUGT SND	
1,831,408 704,052 25,682,4 36,4 23.8-50.3 4-7/74 SKYKOMISH R SULTAN R 555.2 0.5 3-4/74 SKYKOMISH R SULTAN R 393.3 10,4 351.8 3-4/75 SKYKOMISH R SNOHOMISH 8 50,150 380,628 11,076.1 29.0 3-4/75 SKYKOMISH R SNOHOMISH R 250,000 4,535.9 18.1 3-5/76 SKYKOMISH R SULTAN R 126,250 2,290.6 18.1 4/76 GREN R 4/76 GREN R 60,100 1,090.4 18.1 4/76 SKYKOMISH R SULTAN R 60,100 1,090.4 18.1	1,831,408 704,052 25,682,4 36.4 23.8-50.3 4-7/74 SKYKOMISH R SULTAN R 555.2 0.5 3-4/74 SKYKOMISH R SULTAN R 393.3 10,4 351.0 23.6 3-4/74 SKYKOMISH R SULTAN R 393.3 10,4 3-4/75 SKYKOMISH R SNOHOMISH R 50,150 250,000 4,535.9 18.1 2/75 SKYKOMISH R SULTAN R 126,250 2,290.6 18.1 4/76 GREEN R 4/76 GREEN R 60,100 1,090.4 18.1 4/76 S PUGT SND TRB	2	77 8.069		824.6	1.0		4/73	PUGET	PUGT SND T	
#33,996 #35,20 #35,20 #35,3996 #35,3996 #35,30 #35,3	+ + + + + + + + + + + + + + + + + + +	20		704,052	25,682.4	36.4					
433,998 18,351.0 23.6 5/75 SKYKONISH R SNOHOMISH R 393.3 0.4 3-4/75 SKYKONISH R SNOHOMISH R 50.150 380,828 11,078.1 29.0 3-4/75 SKYKONISH R SULTAN R 250,000 4,535.9 18.1 3-776 SKYKONISH R SULTAN R 126,250 2,290.6 18.1 4,76 GREN R 4,76 GREN R 60,100 1,090.4 18.1 4,76 SCHUTES R	976,640 433,998 18,361.0 23.6 5/75 SKYKONISH R SNOHOMISH 8 39.4 37.5 SKYKOMISH R SNOHOMISH 8 59.4 37.5 SKYKOMISH R SNOHOMISH 8 51.8 9.4 3.4/75 SKYKOMISH R SNOHOMISH 8 5250,000 4,535.9 18.1 4/76 SKYKOMISH R SULTAN R 126,250 2,290.6 18.1 4/76 GREEN R 4/76 GREEN R 60,100 1,090.4 18.1 4/76 S PUGT SND TRB	M	1.831.400		555.2	0.5					
976,640 976,640 980,826 1,078,1 29.0 3-4/75 SKYKOMISH R SNOHOMISH R SNOHOMISH R SULTAN R 250,000 4,535,9 18.1 4/76 SKYKOMISH R SULTAN R 126,250 2,290,6 18.1 4/76 GREEN R 112,580 2,041,2 18.1 4/76 GREEN R 60,100 1,090,4 18.1 4/76 S PUGT SND TRB	976,640 976,640 976,640 961.8 9.4 90,150 380,828 11,078.1 250,000 4,535.9 18.1 126,250 2,290.6 18.1 112,580 2,044.2 18.1 4,76 60,100 1,090.4 18.1	M		433,998	10,351.0	23.8		5/15			
90,150	90,150 851.8 9.4 12.75 SKYKONISH R SULTAN 250,00 4,535.9 18.1 4.76 PUYALLUP R 12.500 2,290.6 18.1 4.76 GREEN R 112.500 2,041.2 18.1 4.76 GREEN R 60,100 1,090.4 18.1	100	978.640		393.3	4.0					
380,828 1,078.1 29.0 3-5/76 SKYKOMISH R SULTAN 250,000 4,535.9 18.1 4/76 PUYALLUP R 126,250 2,290.6 18.1 4/76 GREEN R 4/76 GREEN R 60,100 1,090.4 18.1 4/76 S PUGT SND TRB	380,828 1,078.1 29.0 3-5/76 SKYKOMISH R SULTAN 250,000 4,535.9 18.1 4/76 PUYALLUP R 126,250 2,290.6 18.1 4/76 GREEN R 4/76 GREEN R 60,100 1,090.4 18.1 4/76 S PUGT SND TRB	-	98.150		851.8			12/75			
250,000 4,535.9 18.1 4/76 PUYALLUP R 126,250 2,290.6 18.1 4/76 GREEN R 112,590 2,041.2 18.1 4/76 DESCHUTES R 60,100 1,090.4 18.1 4/76 S PUGT SND	250,000 4,535.9 18.1 4/76 PUYALLUP R 126,250 2,290.6 18.1 4/76 GREEN R 112,580 2,041.2 18.1 4/76 DESCHUTES R 60,100 1,090.4 18.1 4/76 S PUGT SND			380,828	11,078.1	~					
126,250 2,290.6 18.1 4/76 GREEN R 112,580 2,041.2 18.1 4/76 DESCHUTES R 60,100 1,090.4 18.1 4/76 S PUGT SND	126,250 2,290.6 18.1 4/76 GREEN R 112,580 2,041.2 18.1 4/76 DESCHUTES R 60,100 1,090.4 18.1 4/76 S PUGT SND	4		250 . 000	4.535.9			4/76			
112,580 2,041.2 18.1 4/76 DESCHUTES R 60,100 1,090.4 18.1 4/76 S PUGT SND	112,580 2,041,2 18,1 4,76 DESCHUTES R 60,100 1,090,4 18,1 4,76 S PUGT SND	10		126,250	2,290.6			91/4	GREEN R		
60,100 1,090.4 18.1 4,76 S PUGT SND	60°100 1,090°4 18.1 4,76 S PUGT SND	4		112,590	2,041.2			91/4	Œ		
		12		60,100	4.090.1			4/76	-		

TABLE 89.--COASTAL WASHINGTON SKYKOHISH HATGHERY - HASHINGTON DEPARTMENT OF FISH RELEASE OF- GHUN SALMON.

RELEASE	
RELEASE	
RELEASE LOCATION	SKYKOHISH R
DATE	6775
RANGE FISH	
AVE. GRAM! FISH	6.0
TOTAL WEIGHT (KGS)	3,405.6
NUMBER OF MIGRANTS	3,651,819
NUMBER OF SUB-	•
BROOD	1960-73

TABLE 90.--CDASTAL WASHINGTON SKYKOMISH HATGHERY - WASHINGTON DEPARTMENT OF FISH RELEASE OF PINK SALMON.

RELEASE	
RELEASE	
RELEASE	SKYKOMISH R
DATE	4/76
RANGE GRAM/ FISH	
AVE. GRAM/ FISH	0.3
TOTAL WEIGHT (KGS)	173.7
NUMBER OF MIGRANTS	806 . 164
NUMBER OF SUB- MIGRANTS	G
BROOD	1960-74

TABLE 91.--CDASTAL WASHINGTON SOLEDUCK MATCHERY - WASHINGTON DEPARTMENT OF FISH RELEASE OF- FALL CHINOOK SALMON.

NUMBER TOTAL AVE. OF MEIGHT GRAM/ MIGRANTS (KGS) FISH	4,139,075 21,641.3 5.2	9,530,9	9,783.7	10,333,3	3, 938.6	2,883.7		4,547,3	1,950.4
SRAM	4.5- 6.5	4.5- 10.0	64.7-151.1	4.4- 5.2		5.8- 7.1		5.1- 5.3	
DATE	12/9		5/73				4/15		
RELEASE	NCSTL MASH	NCSTL WASH	ELWHA R	NCSTL WASH	SOLEDUCK R	CHEHALIS R	SOLEDUCK R	CLALLUN R	SOLEDUCK R
RELEASE			SOLEDUCK R			SULTAN R		JUAN DE FUCA	
RELEASE									

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

BROOD	NUMBER OF SUB-	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE SRAM/ FISH	DATE	RELEASE	RELEASE	RELEASE
1958-69	•	•							
0261	0		ca						
1261	53.867		29404	5.4		6/72	SOLEDUCK R		
1 25 1		97,425	2,946,1	30.2		9172	SOLEDUCK R		
1 261		385,878	43,174.3	111.8	64.7-113.3	1- 5/73	ELWHA R	SOLEDUCK R	
1972		119.000	18,795.5	7.06		5174	SOLEDUCK R		
1972		133.800	6.032.8	45.3		3/74	CHEMALIS R	SULTAN R	
1973		357,760	6.146.44	125.6	64.7-151.1	3- 4/75	SOLEDUCK R	SULTAN R	
1974		288,000	22,679.6	113,3		4/16	SOLEDUCK R		
1975		119,700	2,585,5	21.5		9116	SOLEDUCK R		

TABLE 93.--COASTAL WASHINGTON SOLEDUCK HATCHERY - WASHINGTON DEPARTMENT OF FISH RELEASE OF- COHO SALMON.

		RELEASE OF-	: OF- COHO	SALHON.	W					
BROOD	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	GRAM/ FISH	PERANCE	DATE	RELEASE LOCATION	RELEASE	RELEASE	
958-69	•		•							
978	703,500		212.7	0.3		3/71	NGSTL MASH			
0.26		1,634,080	46,323.1	28.3		5/12	NCSTL WASH			
126			10,095.2	30.2		3/73	SOLEDUCK R			
972.			28,543.7	28.7	18.8- 55.6		CHEMALIS R	SOLEDUCK R	SULTAN R	
973	1,946,100		2,689,3	L. 3	3.3- 2.2	3- 7/74	CHEMALIS	SOLEDUCK R	SULTAN	
973			15,841.7	21.8	17.4- 30.2		CLALLUM R	SOLEDUCK R		
4 16	1,288,500		389.6	0.3		3/75	SKOKOMISH R	SOLEDUCK R		
4 26	911,768		935.3	-	1.1 -6.0	5/15	SOLEDUCK R	JUAN DE FUCA	MCSTL WASH	
4 26		19,988	503.9	25.2		4176	QUEETS R			
975		948,205	25.475.1	27.0		3- 4/76	SOLEDUCK R	NCSTL WASH		

TABLE 94.--COASTAL WASHINGTON
MILLIPA HATCHERY
RELEASE OF- FALL CHINOOK SALMON.

ROOD	MUMBER	NUMBER	TOTAL	AVE.	RAN	RANGE	DATE	RELEASE	w	RELEASE	ш	RELEASE
YEAR	OF SUB-	96	WEIGHT	GRAM/	58	/M/	RELEASES	LOCATI	NO	LOCATI	ZO	LOCATION
	MIGRANTS	MIGRANTS	(KGS)	FISH	FIS	H						
20		956,220	2,433,1	2.5	2.8-	2.9	4- 6/60	NCSTL WASH	SH			
190		345,611	984.5	2.6	2.2-	3.0	19/4	NCSTL WA	NS			
196		145.768	435.8	2.9			4/62	NCSTL WA	SH			
29		483,353	1,175,3	2.9	2.3.		4- 5/63	MCSTL WA	NS			
29		789,374	2,483.1	3.3	3.3.		5/64	NCSTL WA	NH			
191		1.775.776	5.424.1	3.0	2.6-		5- 6/65	NCSTL MA	NS			
5.5		972.864	3,873,2	3.9	2.2-		99/5 -4	NCSTL MA	SH			
200		696,363	3,256,3	4.6			2167	NCSTL MA	SH			
192		1.172.606	5.416.3	4.6	4.1.		5/68	NCSTL WA	NH			
	1.172.212		637.8	0.0			1- 2/69	NCSTL WA	SH			
200		1.541.023	6.549.4	4.2	3.7-		5/69	NCSTL WA	NN			
5 9	757.360		372.4	4.0			2- 3/70	NCSTL WA	SH			
69	727.005		9.016	1.2	8.5-	9.	3- 4/78	NCSTL WA	NH			
69		1,089,469	5,072.5	4.6	4.5-		5- 6/70	NCSTL WA	SH			
0.20	366.744		178.7	4.0			2/71	NCSTL WA	SH			
0.20		1,515,216	7,435.3	6.4	4.3-	5.5	5- 6/71	NCSTL MA	NH			
171		1,376,888	6,679.6	4.6	4.7-		5/12	NCSTL WA	SH			
72		955,678	4.197.1	4.3			6/73	SCSTL WA	SH	WILLAPA	SYSTEM	
173		943,887	6.144.9	6.8	5.4.	32,3	42/11-9	HILLAPA	SYSTEM			
173		37,817	2,118.3	57.2	45.3-	2049	3/75	WILLAPA	SYSTEM			
17 4		1,862,543	9,228.3	6.4	4.1.	4.7	5- 6/75	WILLAPA	SYSTEM			
17.0		1 876 BOE	0 672 2	-	4 3	2	6176	ADA I ITA	CVCTEM			

TABLE 95.--CDASTAL WASHINGTON
MILLIPA HATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- COHO SALMON.

				2000					
BROOD	NUMBER	NUMBER	TOTAL	AVE	RANGE	DATE	RELEASE	RELEASE	RELEASE
TE AK	MIGRANTS	HIGRANTS	(KGS)	FISH	FISH	RELEASES	LOCATION	LOCATION	LOCATION
956		457,802	4,237.5	9.2	5.1- 17.4	1- 2/60	NESTL WASH		
626	58,112		229.1	3.9		-			
6261		414,459	4.121.3	6.6	8.8-11.6	3/61			
0961	206,393		446.3	2.1		6- 7/61			
1961		232,848	2,400.8	10.3		1/62			
1961	583,639		3,982.1	6.8		6-11/62	NCSTL WASH		
1962	7,574		176.4	23.2	22.6- 23.8	9-10/63			
1962		518,480	8,108,9	15.6	11.5- 16.1	1- 4/64	NCSTL MASH		
1963	40,590		557.9	13.7		11/64			
1963		562,691	9,771.7	17.3	15.6- 18.1	3- 4/65			
1 36 1	279,570		108.9	0.3		3/65			
198		594,380	13,782.0	23.1	19.7- 25.1	4/66			
965	292,950		98.6	0.3		3/66			
1965		689,634	14,931.4	21.6	13.7- 25.1	1- 4/67			
996		847,242	17,458.3	20.6		4/68			
1961		847,264	21,423.6	25.2	18.1- 28.3	1- 4/69			
896	734,600		268.1	B.3		2/69			
996		875,824	20,908.8	23.8		4/70	NCSTL MASH		
696	991,810		347.9	0.3		2- 3/70			
6961		835,326	21,049,9	25.1		11/4			
016	2,103,192		943.9	9.0		2- 3/71			
0.26	41,100		186.4	4.5		11/9			
970		871,628	22,867.9	26.2		4/72			
126	640,168		240.4	0.3		2- 3/72			
1 26	149,380		484.0	3.2		6/72			
1 26		836,794	17,960.9	21.4	20.6- 21.5	4/73			
972	61.8,780		248.8	0.3		3/73	NCSTL MASH		
216	871,663		2,639,5	3.0		6/73			
972		413,260	10,088.8	24.4	22.6- 25.1	4- 5/74			
973	284,580		126.5	4.0		2/74			
1973		953,081	21,508.0	22.5	21.5- 26.6	5- 6/75	HILLAPA SYSTEM		
416	540,140		216.8	4.0		2/15	WILLAPA SYSTEM		
974		1,042,866	22,217.4	21.3	17.4- 22.6	4/76	HILLAPA SYSTEM		
975	89		2.7	15.0		11/76	WILLAPA SYSTEM		

TABLE 96.--COASFAL WASHINGTON DEPARTMENT OF FISH WILLIPA MATCHERY - MASHINGTON DEPARTMENT OF FISH RELEASE OF- CHUM SALMON.

RELEASE		
RELEASE	WILLAPA SYSTEM	
RELEASE LOCATION	WILLAPA SYSTEM WILLAPA SYSTEM WILLAPA SYSTEM	MILLAPA SYSTEM
DATE	1/60 3/61	2/69
RANGE GRANI FISH		
AVE. GRAN/ FISH	469	0.3
TOTAL WEIGHT (KGS)	151.0	8 6
NUMBER OF MIGRANTS	153,846	(3)
NUMBER OF SUB- MIGRANTS	2,000	25,344
BROOD	1959.	1962-67

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

RELEASE	
RELEASE	
RELEASE	SCSTL WASH
DATE RELEASES	1172
CRAM! FISH	
AVE. GRAM/ FISH	5.8
TOTAL WEIGHT (KGS)	- 4
NUMBER OF MIGRANTS	2,496
NUMBER OF SUB- MIGRANTS	•
BROOD	1761

TABLE 98.--COASTAL MASHINGTON GARRISON CREEK - MASHINGTON DEPARTMENT OF FISH RELEASE OF- FALL CHINOOK SALHON.

		RELEASE OF-		FALL CHINOOK SALMON.	ALMON.				
88000	NUMBER	NUMBER	TOTAL	AVE.	RANGE	DATE	RELEASE	RELEASE	RELEASE
TEAR	MIGRANTS	MIGRANTS	(KGS)	FISH	FISH	KELEMBES		100	
1958-70	•	•	•						
1971	0	0	æ						
1972		228,950	929.9	4.0	3.1- 5.7		3- 4/73 S PUGT SND TRB		
1973	0		•						
4 161		45,000	204.1	4.5					
4 161		37,182	2,805.0	75.6		5/16	S PUGT SNO TRB		
1975		364,160	1,247.4	3.4					
1975		0000	100	18.					

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

BELFACE	LOCATION	
1000	KELEASE LOGATION	
	RELEASE LOCATION	S PUGT SND TRB
	DATE RELEASES	5/72
	RANGE GRAM/ FISH	
	AVE. GRAM/ FISH	10.0
	TOTAL WEIGHT (KGS)	192.8
	NUMBER OF MIGRANTS	
	NUMBER OF SUB- MIGRANTS	19,125
	8R00D YEAR	1958-70

TABLE 1880.--CDASTAL WASHINGTON DEPARTMENT OF FISH RELEASE OF- COHO SALMON.

		3							
BR000 YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAH! FISH	ZANGE GRAM/ FISH	DATE	RELEASE	RELEASE	RELEASE
958-70 971-72 973	9 112.65	1,821,275	M ma • • • • • • • • • • • • • • • • • • •	- 20 - 20 - 20 - 20 - 20 - 20 - 20 - 20		7/74	S PUGT SND TRB MINTER GR	80 82	

TABLE IDI.--CDASTAL WASHINGTON
GARRISON CREEK
- MASHINGTON DEPARTMENT OF FISH
RELEASE OF- CHUM SALMON.

	RELEASE	
	RELEASE	
	RELEASE	CHANBERS GR
	DATE	3- 6/75
	RANGE GRAN/ FISH	3-7- 7.5 3- 6/75
פעסש משרשסשי	AVE. GRAM! FISH	:
	TOTAL WEIGHT (KGS)	788.3
KELEASE UF	NUMBER OF MIGRANTS	065.855
	NUMBER OF SUB- MIGRANTS	10
	BROOD	1960-70

TABLE 182.--COASTAL MASHINGTON GEPARTMENT OF FISH GARRISON CREEK
- WASHINGTON GEPARTMENT OF FISH RELEASE OF- PINK SALMON.

		RELEASE	OF- PINK	SALMON.					
PEAR	NUMBER OF SUB-	MUMBER OF MIGRANTS	TOTAL WEIGHT (XGS)	GRAM!	RANGE GRAM/ FISH	DATE	RELEASE	RELEASE	LOC
1959-70	•	- 50 s s s s s s s s s s s s s s s s s s	742.1	6.4	1.2- 12.2	6- 7/72	S PUGT SND TRB		
1972-74		135.748	781.5	5.7	1.0-18.8 3-5/76	3- 5/76	MINTER CR		

TABLE 183.--COASTAL WASHINGTON OLYMPIC REARING CHANNEL - WASHINGTON DEPARTMENT OF FISH RELEASE OF- FALL CHINOOK SALMON.

RELEASE RELEASE LOCATION LOCATION	
RELEASE REI LOCATION LO	× ×
DATE RELEASES LO	4/76 ELWHA
SRANCE	
AVE. GRAM/ FISH	75.5
TOTAL WEISHT (KGS)	4,584.9
NUMBER OF MIGRANTS	68,648
NUMBER OF SUB- MIGRANTS	•
BROOD	1960-73

TABLE 184.--CDASTAL MASHINGTON OFPARTHENT OF FISH RELEASE OF- GOHO SALMON.

RELEASE RELEASE LOCATION LOCATION	
RELEASE	ELWHA R
DATE	4/76
RANGE GRAM! FISH	
AVE. GRAM/ FISH	26.6
TOTAL MEIGHT (KGS)	21,615,5
NUMBER OF MIGRANTS	810.118
NUMBER OF SUB- MIGRANIS	•
BROOD	1960-73

TABLE 195.--COASTAL WASHINGTON
PERCIVAL DESCHUTES CHPLX- WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

RELEASE LOCATION

*								
SROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	HEIGHT CKGSD	GRAM!	RANGE GRANI FISH	DATE	RELEASE	RELEASE
69-6		•	•					
		10,555,127	33,989.1	3.2	1.5- 7.3		DESCHUTES R	
-		5,659,340	30,210.6	5.3	3.6- 7.1		DESCHUTES R	
2	3,119,500		4.649.7	4.	1.1- 1.9		DESCHUTES R	
.2.		2,259,574	7,365.0	3.2	2.7- 3.8	5- 6/73	DESCHUTES R	
2		6,743,316	29,351,1	4.3			DESCHUTES R	
.2		166,965	49.098.7	82.2	64.7-113.3	4114	CAPITOL LAKE	
.3	6,392,972		7,590.9	-:		4/14	CAPITOL LAKE	
73		4,475,000	13,254.9	2.9	1.8- 5.3	4115	CAPITOL LAKE	
7.3		284,220	36,170,8	127.2	113,3-151,1	3- 5/75	CAPITOL LAKE	
1974		4,988,618	25,142.2	5.0		5/15	CAPITOL LAKE	
*		6969 128	59,577.1	85.5		4/76	CAPITOL LAKE	

TABLE 186.--CDASTAL WASHINGTON
PERCIVAL DESCHUTES GMPLX- MASHINGTON DEPARTMENT OF FISH
RELEASE OF- SPRING CHINOOK SALMON.

RELEASE	
RELEASE LOCATION	
RELEASE	CAPITOL LAKE
DATE	4/76
RANGE SRAM/ FISH	
AVE. GRAM/ FISH	129.5
TOTAL WEIGHT (KGS)	2,547.8
NUMBER OF MIGRANTS	19,661
NUMBER OF SUB-	10
BROOD	1959-69

TABLE 187.--CDASFAL WASHINGTON
PERCIVAL DESCHUTES CHPLX- WASHINGTON DEPARTMENT OF FISH
RF1 FASF OF- COMD SALMON.

BROOD	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	OTAL EIGHT KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE	RELEASE LOCATION	RELEASE LOCATION	RELEASE
1960-69	• •	52,200	1,315,4	25.1		3/76	CAPITOL LAKE		

TABLE 108.--CDASTAL MASHINGTON
S SOUND NET PEN
- MASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALNON.

	RELEASE	
	RELEASE	S PUGT SND TRB
	RELEASE	S PUGT SND TRB S PUGT SND TRB S PUGET SOUND S PUGET SOUND
	DATE	1- 3/74 7-12/74 2/75 2/76
ALTICK.	PEN	15.5- 75.5
TALL CHIMOOK SALAUN	GRAM/ FISH	137.7 \$2.08 76.08
	TOTAL WEIGHT (KGS)	60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
KELEASE UF	NUMBER OF MIGRANTS	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	NUMBER OF SUB- NIGRANTS	•
	BROOD	960-71 972 973 973

TABLE 189. -- CDASTAL WASHINGTON
S SOUND NET PEN - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- COHO SALMON.

RANGE DATE SRAM RELEI	E DATE RELEASE	DATE
		LOCATION

"-" INDICATES HATCHERY NOT IN OPERATION

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

NUMBER OF SUB-	FIS	AVE. GRAM! FISH	PERMI	DATE RELEASES	TION	RELEASE	RELEASE LOCATION
580.080	325.7	0.6		5/74	SND		
2.26		85.6		11/74	S PUGT SND TRB		

TABLE 111. -- CDASTAL MASHINGTON SQUAXIN SALTMENT OF FISH SQUAXIN SALTMATER PENS - MASHINGTON DEPARTMENT OF FISH PELFASE OF- FALL CHINOOK SALMON.

NUMBER NUMBER TOTO OF SUB- OF METO METO MIGRANTS MIGRANTS (KG - 230,371 41,4	FALL CHINOOK SALHON.	AL AVE. RANGE DATE RELEASE RELEASE RELEASE RELEASE (GHT GRAM/ RELEASES LOCATION LOCATION LOCATION LOCATION S) FISH FISH	41,475,1 180.0 4/73 CASE INLET 8,251.3 197.1 3/74 CASE INLET
		NUMBER TOTAL OF MEIGHT MIGRANTS (KGS)	238,371 41,47
BR00D YEAR 1959-70 1971			1
		BROOD	1959-70

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

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

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

RELEASE RELEASE LOCATION LOCATION	TRB TRB TRB
RELEASE	CASE INLET HOOD CANAL HOOD CANAL S PUGT SND
DATE	6/73 8/74 6/75 7/75 6/76
RANGE GRAN/ FISH	
AVE. GRAM/ FISH	37. 58.8 37.7
TOTAL WEIGHT (KGS)	6,993.1 7,413.1 9,338.6 5,669.9
NUMBER OF MIGRANTS	250 000 350 000 150 000 273 935
NUMBER OF SUB- MIGRANTS	
BROOD	1958-70 1972. 1973. 1973.

TABLE 114.--CDASTAL MASHINGTON
TULALIP POND
- MASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

RELEASE	
RELEASE	
RELEASE Location	N PUGT SND TRB S PUGT SND TRB S PUGT SND TRB S PUGT SND TRB
DATE	4775 4775 4776 6776
SANGE SRAM/ FISH	32.3- 56.6
AVE. GRAM/ FISH	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
TOTAL WEIGHT (KGS)	27.955.8 13.445.8 9.256.8 4,526.9
NUMBER OF MIGRANTS	55 6 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
NUMBER OF SUB- MIGRANTS	10
BROOD	1958-69 1971-72 1973 1974 1974

-- INDICATES HATCHERY NOT IN OPERATION

		TABLE I TULALIP RELEASE	TABLE 115CDASTAL MASHINGTON TULALIP POND - MASHI RELEASE OF- COHD SALMON.	MASHING SALMON.	SHINGTON - MASHINGTON DEPARTMENT OF FISH N.	ARTMENT OF	FISH		
BROOD	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE	OATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE
958-69	•	•							
0.26		498,600	12,564.5	25.1		4/72	SNOHOMISH &		
1 76		671,612	19,487.7	29.0		5- 6/73	SNOHOMISH R		
972		628,032	14,786.2	23.5		5- 8/74	N PUGT SND TRB		
973		1,262,367	27,587.8	21.8	14.1- 25.1	5/15	S PUGT SND TRB		
470		899-186	16.338.4	18.1		91/4	S PUGT SND TRB		

TABLE 116.--CDASTAL MASHINGTON MINOR WOF COOP PROJECTS- MASHINGTON DEPARTMENT OF FISH RELEASE OF- FALL CHINOOK SALMON.

PRODUCTION NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE RELEASE RELEASE VEAR OF SUB. OF SUB. OF SUB. OF SUB. COATION LOCATION LOCATION 956 24.766 1.154.8 46.6 32.3-56.6 37.60 N PUGET SOUND LOCATION 96.1 1.05406 1.42.5 34.8-37.7 1.761 N PUGET SOUND LOCATION 96.1 1.05406 1.42.5 34.8-37.7 1.764 N PUGET SOUND LOCATION 96.1 1.05406 1.42.5 3.4-8-37.7 1.764 N PUGET SOUND LOCATION 96.2 1.05406 31.0 2.2 2.1-7.5 4-963 N PUGET SOUND LOCATION 96.2 1.0540 31.0 2.2 2.7-4.0 9.63 LOCATION 96.2 1.0545 3.9-4.7-7 4-963 N PUGET SOUND LOCATION 97.2 1.0640 1.0540 3.7-7 4-674 N PUGET SOUND 9										
24,768 1,154,8 46,6 32,3-56,6 3/60 700 99,8 142,5 35,0 34,8-37,7 11/61 236 107,9 42,5 20,6 34,8-37,7 11/61 236 107,9 42,2 20,6 34,8-37,7 11/61 236 107,9 42,2 20,6 4,7-75,5 4-9/63 20,82 775 83,111,6 5,6 10,0 5/73 1,072,59 4,6 4,361,2 62,0 5/73 1,9763 1,572,2 79,5 37,5 3/76 25,59 26,7 47,7 73,5 3,76 27,5 2,271,6 68,2 32,4 55,59 26,6 7 43,7 7 33,27 6 2,6 10,7 7,7 7 55,59 26,6 7 43,7 7 55,59 26,6 7 43,7 7 55,59 26,6 7 43,2 7 55,59 26,6 7 43,2 7 55,59 55,59 7,59 7,59 7,59 7,59 7,59 7,5	BROOD	NUNGER OF SUB-	NUMBER	WEIGHT	GRAH!	SANGE STANGE	DATE	RELEASE	RELEASE	RELEASE
24,768 1,154,8 46,6 32,3-56,6 3/60 700 700 710 710 710 710 710 710 710 71		CHENAL	PARKANI	10041	100					
700 99.8 142.5 34.8 37.7 11/61 10.406 214.5 20.6 34.8 37.7 11/61 236 107.0 453.3 2.0 7.5 4-9/63 18,263 40.4 22.2 2.0 7.5 4-9/63 121,672 823.7 6.7 7.5 4-9/63 120,882 78.9 3.9 2.7 4.0 5/73 1,072.598 4.946.8 3.7 2.7 4.0 5/73 16,601 1,750.9 105.4 28.3-151.1 4/74 19,763 1,572.2 79.5 33.27 19,763 1,572.2 79.5 3775 5,596 221.6 68.2 32.4 33.76 5,596 24.6 43.2 32.4 33.76	828		24,768	1,154.8	46.6	32.3- 56.6	3/60	N PUGET SOUND		
10,406	958		200	99.8	142.5		12/60	N PUGET SOUND		
10,406	960		41.549	1.458.3	35.0	34.8- 37.7	11/61	N PUGET SOUND		
236 107.0 453.3 2.0 7.5 4-9/63 6.944 519.4 73.3 54.7 7.5 4-9/63 20.82 2.0 7.5 4-9/63 20.82 2.0 7.5 4-9/63 20.82 2.0 7.5 4-9/63 20.82 20.82 2.0 7.5 4-9/63 20.82 20.82 2.7 6.7 2.7 6.7 2.7 6.7 2.7 6.7 2.7 6.7 2.7 6.7 2.7 6.7 2.7 6.7 2.7 6.3 6.2 6.0 3.1 11.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5	196		10.406	214.5	20.6		2/63	N PUGET SOUND		
18,283	196		236	107.0	453.3		1/64	N PUGET SOUND		
6,944 589.4 73.3 54.7 75.5 4-6/64 6/72 20.862 78.9 3.9 2.7 4.0 6/72 6/72 1,072,596 4.046.8 3.7 2.7 4.0 5/73 1,072,596 4.046.8 3.7 2.7 4.0 5/73 1,072,596 4.046.8 3.7 2.7 4.0 5/73 1,075,0.9 105.4 28.3-151.0 5/74 6,361.2 62.0 5/74 28.5-151.0 5/74 1,072,0.9 6.351.2 62.0 5/75 3/75 1,976.3 1,572.2 79.5 3.75 3/76 5,596 241.8 43.2 3.3 5/76 3/76 3/76	96.2		18.283	404	2.2	2.0- 7.5	4- 9/63	N PUGET SOUND		
	46.0		6.944	9.685	73.3	54.7- 75.5	49/9 -4	N PUGET SOUND		
20,862 78.9 3.9 2.7 4.0 5/73 16.681 1,750.9 105.4 28.3-151.1 5/73 111.6 5.6 2.0 5/75 182.574 6,351.2 62.0 5/8.8 68.5 151.1 5/75 19.763 1.572.2 79.5 37.5 37.5 5.596 24.0 43.2 37.6 5.596 24.0 43.2	176		121.672	823.7	6.7		6/12	GORST CR		
1,072,598 4,046.8 3.7 2.7 4,0 5/73 16,681 1,750.9 105.4 28.3-151.1 4/74 548,850 3,111.6 5.6 28.3-151.1 4/74 182,574 6,361.2 62.0 2/75 19,763 1,572.2 79.5 3/75 33,276 2,271.6 68.2 37.5 5,632 182.8 32.4 37.6 5,596 241.8 43.2 3/76	972		20.082	78.9	3.9		5/13	PALIX R		
16,681 1,750.9 185.4 28.3-151.1 4/74 548.850 3,111.6 5.6 5.6 5.75 6,20 5/75 19,763 1,572.2 79.5 3,75 5,80.8 58.2 3,75 5,80.8 58.2 3,75 5,80.8 5.50.4 5,50.8 5,80.8 5,	972		1.072.598	4.045.B	3.7	2.7- 4.0	5/73	GORST CR		
546,850 3,111.6 5.6 5.6 5.75 6.275 6.361.2 62.0 2/75 6.361.2 68.5 5.75 19.763 1.572.2 79.5 37.75 5.56.7 47.7 3.76 5.596 241.8 43.2 3.76 5.596	210		16.691	1.750.9	105.4	28.3-151.1	4/74	N PUGT SND TRB		
182.574 6,361.2 62.0 2/75 8,296 568.8 68.5 2/75 19.763 1.572.2 79.5 3/75 33.276 2,271.6 68.2 3/75 5,632 266.7 47.7 3/76 5,596 241.8 43.2 3/76	973		548.850	3.111.6	5.6		5174	WILLAPA SYSTEM		
8,296 568.8 68.5 2/75 19,763 1,572.2 79.5 3/75 33,276 2,271.6 68.2 3/75 5,632 182.8 32.4 3/76 5,585 266.7 47.7 3/76 5,596 241.8 43.2 3/76	973		182.574	6.361.2	62.0		2/15	S PUGET SOUND		
19.763 1,572.2 79.5 3/75 33.276 2,271.6 68.2 3/75 5,632 182.8 32.4 3/76 5,585 266.7 47.7 3/76 5,596 241.8 43.2 3/76	97.3		8.296	568.8	68.5		2/15	S PUGET SOUND		
33,276 2,271,6 68,2 3/75 5,632 182,8 32,4 3/76 5,585 266,7 47,7 3/76 5,596 241,8 43,2 3/76	973		19.763	1.572.2	79.5		3/75	S PUGET SOUND		
5,632 182,8 32,4 3/76 5,585 266,7 47,7 3/76 5,596 241,8 43,2 3/76	973		33.276	2.271.6	68.2		3/75	WYNDOCHEE R		
5,585 266.7 47.7 3/76 5,596 241.8 43.2 3/76	976		5.632	182.8	32.4		3/16	N PUGT SND TRB		
5,596 241.8 43.2 3/76	974		5.585	256.7	47.7		3/76	S PUGET SOUND		
	720		5,596	241.8	43.2		3/76	S PUGET SOUND		

TABLE 117 .-- COASTAL MASHINGTON

GRANGE NUMBER TOTAL AVE. RANGE DATE RELEASE FEAR OF SUB- OF WEIGHT GRAM GRAM RELEASES LOCATION FEAR OF SUB- OF WEIGHT GRAM RELEASES LOCATION 959 28,619 865.8 30.2 12/60 N PUGET SOU 960 9,200 13,596 560.6 41.2 5/62 N PUGET SOU 961 9,200 1,387 157.4 113.4 5/62 N PUGET SOU 961 4,244 19,383 1,653.8 85.6 64.7-90.7 4-5/73 N PUGET SOU 972 196,080 4,490.6 22.6 1.7-5.5 10/73 S PUGT SND	RELEASE OF	RELEASE
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TABLE 118.--COASTAL WASHINGTON MINOR WDF+ COOP PROJECTS- WASHINGTON DEPARTMENT OF FISH RELEASE OF- GOND SALMON.

BROOD	NUMBER OF SUB-	NUMBER	MEIGHT	AVE. GRAM/	SAAM	DATE	RELEASE	RELEASE	RELEASE
	LOKARIO	PERMIN	(KOS)	LISH	HCT.				
1958		15,954	346.5	21.7	13.1-113.3	3/60	N PUGET SOUND	SAMISH R	
1959	90,549		433.6	104	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	
1 261		11.485	324.8	26.5	23.8- 32.3	5- 6/73	L MASHINGTON		
1261		55, 150	3,796.6	68.8	45.3- 90.7	5- 8/73	N PUGET SOUND		
1972		27,329	693.1	25.3		4174	CHEMALIS R		
1972		430,000	13,932.1	32.4		5/74	S PUGT SND TRB		
1972		25,000	3,779.8	151.1		5174	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	907.2	30.7		1- 4/75	S PUGT SND TRB		
1973.		10,000	283.5	28.3		5115	HYNDOCHEE R		
1973		29,988	880.1	26.6		5115	GRAYS HBR TRIB		
1973		10,000	283.5	28.3		5/15	GRAYS HBR TRIB		
1973		1,534,500	34,790.5	22.6		6/15	S PUGET SOUND		
1973		21,470	973.9	45.3		7/75	S PUGET SOUND		
4 26 1	155,680		326.1	2.0		5- 6/75	SNOHOMISH R		
4 16 1		125,298	5,951.1	4.24	30.2- 64.7	7- 8/75	S PUGET SOUND		
1974		913	59.8	64.6		11/75	S PUGET SOUND		
1974		30,000	907.2	30.2		91/9	GRAYS HBR TRIB		
1 97 4		966 6	215.9	21.5		5/16	GRAYS HBR TRIB		
1975	170,584		380.1	2.2		92/9 -4	SKYKOMISH R	SNOHOMISH R	
1975	59,029		94.3	1.5		5/76	S PUGET SOUND		

TABLE 119.--COASTAL MASHINGTON MEPARTMENT OF FISH RELEASE OF- CHUM SALMON.

BROOD	NUMBER OF SUB- HIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	ZANGE GRAH/ FISH	H	DATE	RELEASE	RELEASE	RELEASE
1959		1,839,235	2,007.6		9.6-	1.2	5- 6/60	SAMISH R		
1961		924,538	1,953.6		3.9-	5.4	19/5	N PUGET SOUND	SANISH R	
1962		341,013	298.8		000	:	5/63	SAMISH R		
1963		649,332	4.149				5/64	SAMISH R		
1961	150,100		7107	4.0			5/65	N PUGET SOUND		
1961		863,586	1,077.1		1.1- 1.2	1.2	6/65	SAMISH R		
1972		110,000	199.6				5/13	HILLAPA SYSTEM		
1973		200,000	302.1				4114	WILLAPA SYSTEM		
1975		37,080	31.8				5/16	N PUGT SND TRB		

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

RELEASE	
RELEASE	
RELEASE	HILLAPA SYSTEM
DATE	4774
CANGE GRAM! FISH	
AVE. GRAM/ FISH	1.5
TOTAL WEIGHT (KGS)	7.7
HUNBER OF MIGRANTS	5.086
NUMBER OF SUB- MIGRANIS	
BROOD	1973

TABLE 121.--CDASTAL MASHINGTON
ABERDEEN HATCHERY
RELEASE OF- STEELHEAD TROUT.

RELEASE LOGATION	A Set I I	
RELEASE LOCATION	H ST	HBR TRIB
RELEASE LOCATION	NGSTL WASH NA GSTL LAKES NGSTL LAKES NGSTL WASH NA GSTL LAKES	MEMAN R DUNGENESS R PUGT SND LAKES GRAYS HBR TRIB BOGACHIEL R CHEHALIS R S PUGET SOUND DUNGENESS R HUMPTULIPS R NEMAN R
DATE RELEASES	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5
SANGE GRAN/ FISH	9.1-15.6	9 4
AVE. GRAM/ FISH	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	900 900 900 900 900 900 900 900
TOTAL NEIGHT (KGS)	15,216.0 17,784.0 16,216.0 18,918.0 16,183.6 17,656.0 11,782	2.00
NUMBER OF MIGRANTS	238,971 245,460 246,460 244,097 195,124 210,137 247,271 252,326 215,160 215,160 215,160 215,160 215,160 215,160 215,160 215,160 215,160 215,160 215,160 215,160 215,160	473. 473. 473. 463. 463. 463. 463. 463. 463. 463. 46
NUMBER OF SUB- MIGRANTS	176,288 170,658 161,000 187,800 147,000 67,000 13,280 13,403 111,993 188,890	32,548 14,790
BROOD VE AR		973. 9974. 9974. 9974. 9975. 8975. 8975. 8975. 8975. 8975. 8975. 8975.

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

AVE. TANGE DATE RELEASE RELEASE RELEASE IT GRAM, STAM, RELEASES LOCATION LOCATION LOCATION FISH FISH		78.6 NCSTL	4- 5/69 NGSTL MASH	76.8 NCSTL		82.2	90.2	94.4	100.7	.9 180.8 6/76 MILLAPA SYSTEM	
ELEASES		5/68	69/5 -4	4/70		42/5 -4	5115	5/15	5/76	9119	
GRAM/ FISH		78.6	92.3	76.8		82.2	90.2	94.46	1.001	180.8	
WEIGHT (KGS)	-	1,754.5	4,334,1	1,875.6	•	3,923.6	1,401.6	2,683.0	508.0	1,183,9	
MIGRANTS	0	22,299	46,913	24,396	0	47,676	15,536	28,415	5,040	11,745	
OF SUB-	0				0						
VEAR	99-696	1961	968	696	1970-72	973	426	426	. 375.	975	

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

RELEASE	80	60	60	69	80	80	8	89		04		80		89	SULTAN R			
RELEASE LOGATION	SND	N PUGT SND TRB	SND	SND	SND	SND	SND	SND		STLL AGUANISH R		N PUGT SND TRB		N PUGT SND TRB	PILCHUCK R		SAMISH R	PILCHUCK R
DATE	4/60	10/69	4/61	19/01	4/62	10/62	4/63	49/4		1/68		12/4		4/73	4114		5/76	5/16
PANGE GRAMI FISH																		
AVE. GRAM/ FISH	81.2	6.8	66.3	6.5	85.3	5.0	80.7	47.9		9.1		68.7		77.6	78.5		59.5	59.8
TOTAL WEIGHT (KGS)	2,841,3	150.1	2,243.8	1.69.1	3,492.7	612.3	3,538.8	1,746.3		50.8	0	3,945.8	0	4, 171 .7	5,671.7	-	2,383.6	521.6
NUMBER OF MIGRANTS	34,956		33,790		48 948		43,840	36,400	0		0	57,360	0	53,722	72,201	-	48,259	8,721
NUMBER OF SUB- NIGRANTS		82,216		275,000		120,490			0	31,360	0		9			•		
BROOD	M 656	×		x	*	3	3	1	19-1	*	la la	S		*	3		x	I

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

		ACCEPTE OF		SEASON COLUMNON INCOLUMNON					
VE AR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	SRANGE	DATE RELEASES	RELEASE LOCATION	RELEASE LOCATION	RELEASE LOCATION
359-65	•	2,914	124.7	42.7		19/8	3/67 STLLAGUAMISH R		
1967	0	14.788	1,261.8	85.7		69/9	5/69 N PUGT SND TRB		

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

WEAR OF	M 65	M 09	H 19	₩ 296	23 16	M 99	H to	55 M	M 99	M 29	20 21	N 99	M 69	X 04	H 12	×	72 M	72 W	H 52	H 42	75. H	N 54
NUMBER OF SUB- MIGRANIS						50,000					61,940				61,045		25,000			20,000		
NUMBER OF MIGRANTS	69,197	680.64	58,518	18,684	42,112		33,313	53,267	27,620	43,257		55,440	51,152	68,642		80,333		87,227	42,869		37,601	38,894
TOTAL WEIGHT (KGS)	3,880.9	2,654.0	2,357.8	683.1	3,495.8	403.7	2,069,3	5,108.4	2,825,3	2,936,1	598.7	4, 191.2	4,300.1	5,311.6	417.3	6,722.2	113.4	7,527.4	3,817.9	172.4	2,878.5	2,388,2
AVE. GRAM/ FISH	56.0	54.1	48.2	37.7	83.0	8.0	62.1	95.9	73.3	67.8	9.6	75.5	84.0	87.5	6.8	83.6	4.5	86.2	89.0	8.6	76.5	79.3
ZANGE BRAM! FISH																75.5- 90.7						
DATE	4/60	19/4	4/62	4/63	49/4	10/64	4/65	4/66	4/67	5/68	9/68	69/4	01/4	4- 5/71	10/71	4/72	8/72	4- 5/73	5/74	8/74	4/76	4/76
RELEASE LOCATION				N PUGT SND TRB																SKAGIT R	SANISH R	NOOKSACK R
RELEASE																						
RELEASE																						

	RELEASE	
SAME	RELEASE	6/68 N PUGT SND TRB 4/69 N PUGT SND TRB
EPARTMENT OF 6	DATE	89/9
TABLE 126COASTAL WASHINGTON BELLINGHAN HATCHERY - WASHINGTON DEPARTMENT OF GAME RELEASE OF- SEARUN CUTTHROA TROUT	GRAM/ GRAM/ FISH FISH	67.4
26COASTAL WA HAM HATCHERY OF- SEARUN CU	TOTAL AV WEIGHT GR	997.9 6
TABLE 1 BELLING RELEASE	NUMBER OF MIGRANTS	14,788
	NUMBER OF SUB- MIGRANTS	æ
	BROOD	1959-66

TABLE 127.---COASTAL WASHINGTON CHAMBERS CREEK MATCHERY - WASHINGTON DEPARTMENT OF GAME RELEASE OF- STEELMEAD TROUT.

Z	8	GR.
RELEASE	CHAMBERS	CHAMBERS CR
RELEASE LOCATION	PUGT SND LAKES STLLAGUAMISH R CHAMBERS GR SKOKOMISH R S PUGET SOUND	NISQUALLY R SNOHOMISH R
RELEASE LOCATION	PUGT SND LAKES NISQUALLY R SNOHOMISH R SKYKOMISH R SKOKOMISH R NISQUALLY R NISQUALLY R NOON SAMA	DESCHUTES R SKYKOMISH R
DATE RELEASES	6/17 6/17 6/17 6/17 6/17 6/17 6/17 6/17	4- 5/76
RANGE GRAM/ FISH	2 · B · S	
AVE. GRAM/ FISH	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	56.7
TOTAL WEIGHT (KGS)	2000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,290.6
NUMBER OF MIGRANTS	22.00.00 30.075 30.075 16.075 16.075 30.472 34.22.2	37,488
NUMBER OF SUB- MIGRANTS	313,120	
BROOD	1959-72 1973. M 1973. S 1974. H 1974. S 1974. S	H 5261

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

RELEASE RELEASE LOCATION LOCATION											NISQUALLY R													
RELEASE LOCATION	S PUGT SND TRB	PUGT SND LAKES	S PUGT SND TRB	S PUGT SND TRB	PUYALLUP R	S PUGT SND TRB	PUGT SND LAKES	S PUGT SND TRB	DESCHUTES R	S PUGT SND TRB		PUYALLUP R	PUTALLUP R PUGT SND LAKES	PUYALLUP R PUGT SND LAKES PUYALLUP R	PUYALLUP R PUGT SND LAKES PUYALLUP R ISSAQUAH	PUVALLUP R PUGT SND LAKES PUVALLUP R ISSAQUAH PUVALLUP R								
DATE	19/4	4/62	4/63	49/4	4/65	99/4	10/66	4/67	4/68	8-11/68	69/4	69/6	4/70	9-12/70	12/4	4172	4- 5/72	\$173	1.174	1 - 1 -	8/74	6/74	6/74	\$ \$ 17 £ \$ 5 7 £ \$ 5 7 6 \$ 5 7
FIRANCE		45.3-113.3								1.5- 8.3				2.4- 2.8		64.7-113.3	54.7- 98.7							
AVE. GRAH/ FISH	77.9	1.00	81.2	70.4	81.9	68.4	5.8	66.8	63.5	4.0	66.3	5.3	68.0	2.7	60.3	90.4	75.5	79.2	86.3		8.1	8.17	77.5	77.5
TOTAL WEIGHT (KGS)	5,267.6	4.481.5	5,118.8	5,985,2	6,155.2	5, 195°4	441.8	6,354.8	3,773.9	1,700.1	6,753.1	7.06	7,416.2	180.5	7,384.5	8,259,9	5,216,3	9,044.6	7,915.2		56.7	7,357.3	7,357.3	7,357.3 1,333.6 7,978.7
NUMBER OF MIGRANTS	67,555	55.938	63,010	85,000	75,129	75,954		95,100	59,399		606 - 101		188,933		122,418	182,631	69.011	114.143	93,835			94.865	94,865	94,865
NUMBER OF SUB- MIGRANTS							75,000			420,506		17,000		66.600							7.000	7,800	7,000	7,000
0	* 2	. 3			x	x	×	x	x	1	3	x	E	-	3	*	·	*	-		x	* *	**	***
YEAR	959	2 -	25	63	49	65	99	99	19	99	89	69	69	17.0	27.0	171	121	37.2	373		4 26	974	974	974

TABLE 129.--COASTAL WASHINGTON SEMARD PARK MATCHERY - MASHINGTON DEPARTMENT OF GAME RELEASE OF- STEELMEAD TROUT.

ASE															ISH R			
RELEASE															SAMMAMISH			
													~	02	~			
RELEASE LOCATION													MAMISH	SAMMAMISH	HOMISH			
α.¬													SAH	SAH	SNO			
	TRB	LEB	TRB	rr8	FR8	rRB	T RB	r RB		KES	FRB				-			
NO NO	SND		SND							LA	ONS		H.	N H	GLON	H R	H	
RELEASE LOCATION	JGT	191	PUGT S							SNC	S PUGT SND TRB		HOMIS	HONIS	SHIP	MANIS	THON	GREEN R
27	S PUGT	S	SP	SP	SP	S	SP	S		PUG	SP		SNO	SNO	7	SAM	SNO	GREE
SES	1160		1/63	194	165	166	191	167		168	69/5		121	172	173	174	175	91/9
DATE RELEASES	*		*	3	*	4	*	1		9	S		4	20	4- 5	4	2	'n
C) OZ															_			
RANGE GRAM/ FISH													64.7- 75.5		90.7-113.3			
FER													.7.		1-7-1			
													9		6			
AVE. GRAM/ FISH	69.7	9.5	57.6	2.9	8.0	2.6	8.0	7.0		0.1	619		3.1	5.4	8.9	6.5	6.9	10.42
FI	9	20	5	9	9	N		*			9		1	0	-	•	•	1
710	8.5	2.8	2.3	5.8	8.3	5.6	5.8	6.5	CD	8 . 8	2.3		9.5	3.8	2.9	7.0	3.7	9.6
TOTAL MEIGHT (KGS)	928.5	6941	7.54	2,19	9,01	2,50	1,34	37		9	4,51		1,95	1967	4.67	2,76	1.72	3,99
				:														
NUMBER OF MIGRANTS	13,328	. 168	,854	.916	1650	.580	. 883	, 883	•		,830	0	\$795	.866	. 899	1884	,375	,782
NCMB	-	108	138	32	132	47	28	80			12		26	-5	42	2	6	53
	4								_									
NUMBER OF SUB- MIGRANTS	,	•							0	57,620		9						
MIG										is								
	3	*	2	x	*	×	2	x		x	x		3	2	x	*		x
BROOD	6	-	2	2	*	5	9	9	~	60	9	6	0	-	~	2		2
2 7	6	196	196	8	8	96	8	196	96	96	8	8	197	161	197	197	197	161

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

																							TRB				œ		
	RELEASE																	DUCKABUSH R					HODD CANAL TRB				QUILICENE		
	RELEASE LOCATION			HOOD CANAL		HOOD CANAL		HOOD CANAL		HOOD CANAL		HOOD CANAL		HOOD CANAL				DOSEMALLIPS R DI		S PUGET SOUND				MILLAPA SYSTEM		SOLEDUCK R	SKOKOMISH R B		
	RELEASE		L TRB	CHEMALIS R H	L TRB		HOOD CANAL TRB		HOOD CANAL TRB		TRB	CHEMALIS R H	HOOD CANAL TRB			HOOD CANAL TRB			88		WILLAPA SYSTEM	8	LIPS R		S PUGET SOUND	BOGACHIEL R S		HOOD CANAL TRB	HILLAPA SYSTEM
	DATE		4/69	10/60	19/4	19/01	4/62	10/62	4/63	18/63	49/4	10/64	4/65	10/65	99/4	19/4		4//4	4114	4/14	4114	6119	4/15	4/15	61/4	4- 5/76	92/5 -4		4- 5/76
	S A M S A M	HCT																											
200	AVE. GRAM	HCT.	63.2	1.5	1°69	103	69.8	0.8	67.7	-:			-		9	2.69		79.1	80.6	78.6	79.5	83.1	93.7	86.7	91.9	97.1	116.7	92.7	0.96
	TOTAL	(Kes)	3,687.8	17.1	3,236.8	95.3	4,284.8	147.4	4, 159.B	133.8	3,744.9	9 0 0 4	2,193,1	127.0	2,833.5	410.5	-	4,824.0	4.410.7	2,259,3	2,387.7	1,479.2	5,629,1	5,664.5	2,286.4	3,590.2	8,218,2	2,334.6	5,361.5
	NUMBER	HICKAMIS	57,062		46,383		68,188		61,500		56,780		39,100		43,000	5,882	•	60,975	54,670	28,871	30,884	17,799	60,054	65,275	24,868	36,939	70,371	25,169	55,810
	NUMBER OF SUB-	HIPKANIS		\$8° 976		68,268		165,645		119,662		127,441		95,542			•												
	BROOD	4	H 6561	M 0961	H 0961	M 1961	M 1961	1962 W	1962 W	1963 W	1963 M	1 96 P	1 96 t	1965 W	1965 M	S 9961	1967-72	1973 W	1973 M	1973 M	1973 M	197 W	1974 W	M 4261	N 4261	1975 W	1975 W	1 975 W	N 5161

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

	ASE RELEASE TION LOCATION	MASH
	RELEASE	SCSTL
	RELEASE LOCATION	HOOD CANAL TRB
	DATE	5/71
TROUT	RANGE GRAN/ FISH	
SEARUN CUTTHROA	AVE. GRAH/ FISH	9101
	TOTAL WEIGHT (KGS)	17, 125.4
RELEASE OF-	NUMBER OF MIGRANTS	187,961
	NUMBER OF SUB- MIGRANTS	•
	BROOD	1959-69 1970 1971

FABLE 132.--CDASTAL WASHINGTON SOUTH TACOMA MATCHERY - MASMINGTON DEPARTMENT OF GAME RELEASE OF- STEELHEAD TROUT.

	RELEASE		SULTAN &				PILCHUCK R																														WYNOOCHEE R	O HOLMONONO	HOLDEDE		
	RELEASE	SAMMANISH R	PUGT SWD LAKES			JUAN DE FUCA	S PUGT SND TRB						2	PUGT SND LAKES	MIAN DE FIICA	3		PUGT SND LAKES																		S PUGT SNO TRB	20	DESCHUTES R	SKUKUMISH K		
	RELEASE	SKAGIT R	2 0	S PUGT SND TRB	ISH R	NISQUALLY R	ELWHA R		SKAGIT R		PUGT SND	KAGIT R	PUGT SND	PUGT SND	DIET CAN LAKES	S DIET CAN TOR	PUGT SND	UYALLUP R	PUGT SND	PUGT SND	PUGT SND	PUGT SND	S PUGT SND TRB	TOUR SALE	_	S PUGT SND TRB	IGT SND LA	PUGT SND	PUGT SNO	S PUGI SNU IKB	PUGT SND	PUGT SND	PUGT SND	PUGT SND	_			CHAMBERS CR	NISQUALLY K	SETENDED IN	Ľ
	DATE	3- 6/60	4/64		1975	19/2 -9	4/62	20/4	6- 7/62		4/63	6- 9/63	,	10-12/63	49/4	1000	4/65	6/65	99/4	4/66	4/67	4/67	4-5/68	00/6	10/68	69/5 -4	10/68			4- 5//1			4- 5172	1/73		4- 5/73	4- 5/74		4- 5//4	4116	
	RANGE	22.6- 34.8	2.5 ° 5.5			6.1 -6.0			1.8- 2.8			3.5- 5.3		5.6- 7.3	4	•		2.2- 5.8									7.3- 7.4			£1. 7. 00 7		90.7-113.3			56.5-151.1	45.3- 64.7				4 7 6	
SI EELHEAU IKUUI	AVE. GRAM/ FISH	28.2	2000	7802	37.7	1.2	32,3	0 0	200	6.84	48.0	3.9	9.19	6.5	32.9		56.7	3.2	57.2	51.3	80.3	54.8	71.2	2000	6.1	7 4.0	7.2	67.2	117.7	74.0	56.8	102.2	78.9	9.5	101.6	57.4	98.8	90.06	57.0	5 - 2	2.00
OF STEEL	TOTAL WEIGHT (KGS)	2,883.8	51924405	23.964.7	771.1	34.8	1,234.7	2001117	555.1	17-638.b	7,847.1	363.3	26,087,9	131.5	200403	20 121 00	4-717-4	383.5	22,577.6	2,687.5	22,230.6	1,723.7	12,916,1	200000	0.00	21,902,6	59.0	4,175.3	10,558.3	6 162 621	6.886.9	22,092,2	2,236,2	251.7	9,684.8	5,980.6	5.489.2	5,200.4	4030404	2,832.	2000
KELEASE	NUMBER OF MIGRANTS		230,056	386.872	20,488		38, 120	2224 220		430-829	163,480		453,084		26,668	200	83.150		394,534	52,353	276,705	31,885	181,151	117,693	3004	295,974		62,076	89,663	225,641	33.190	216,115	28,329		94,511	104,280	59,139	57,355	75,885	249 086	
	NUMBER OF SUB-	73,740	300 680			27,488			282.825	1000		91,284		20,230	24 400	261612		93.240							5.780		8,108							26,295						-	1 1 2 - C 11 1
	0 ~	R	35 3	28	: vs	*	x :	x (n 3	. 3	· W	x	x	S	s :	x :	x v			S		S	3 (n (n 3						E 0						x				
	BROOD	6561	200	200	1960	1961	196	9	9 6	1962	1962	1963	1963	1963	8	105	9 9	200	1965	1965	1966	9961	1961	28	9 8	1968	898	1968	869	6961	1070	1 47 1	1971	1972	1972	1972	1973	1973	1973	1973	7

PROOD NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE YEAR OF SUB- OF HEIGHT GRAH/ G	RELEASE			GREEN											
OB NUMBER TOTAL AVE. RANGE DATE R OF SUB- OF SUB- OF SANGE DATE NIGRANTS NIGRANTS (KGS) FISH RELEASES NIGRANTS NIGRANTS (KGS) FISH RELEASES NIGRANTS (KGS) RELEASES RELEASES NIGRANTS (KGS) RELEASES RELEASES NIGRANTS (KGS) RELEASES RELEASES NIGRANTS <td>RELEASE</td> <td></td> <td></td> <td>SKOKOMISH R</td> <td>SNOHOMISH R</td> <td></td> <td></td> <td></td> <td></td> <td>GREEN &</td> <td></td> <td></td> <td></td> <td></td> <td></td>	RELEASE			SKOKOMISH R	SNOHOMISH R					GREEN &					
A LONDRER NUMBER TOTAL AVE. RANGE R OF SUB- OF MIGRANTS (KGS) FISH MIGRANTS MIGRANTS (KGS) FISH S 10,125 612.3 60.4 S 39,610 2,261.2 57.0 S 39,610 2,261.2 57.0 S 26,775 1,394.8 52.0 S 26,775 1,394.8 52.0 S 22,557 1,016.8 45.0 S 22,557 1,016.8 45.0 S 22,557 1,495.9 65.6 S 22,815 1,496.9 65.6 S 15,369 1,351.7 87.9	RELEASE	CHAMBERS CR	ELWHA R	DOSEMALIPS R	SKYKONISH R	NISQUALLY R	SKAGIT R	CHEMALTS R	STLL AGUANTSH R	CHAMBERS CR	CHEMAI TS P	DIICKABIISH P	SNOHOMISH &	SKAGIT R	
OB NUMBER NUMBER TOTAL AVE. R DF SUB- OF WEIGHT GRAM/ MIGRANTS MIGRANTS (KGS) FISH M 35,808 2,835,8 77.0 S 10,125 612,3 60.4 S 39,610 2,261,2 57.0 45,362 2,775 1,394,8 52.0 S 22,775 1,394,8 52.0 H 91,860 6,084,9 66.2 S 22,557 1,016,8 45.0 S 22,557 1,496,9 65.6 S 22,815 1,496,9 65.6	DATE	4- 5/75	5/15	4- 5/75	4- 5/75	4/75	5/15	5/15	5/15	4- 5/76	5/76	5/76	4- 5/76	4- 5/76	
OB NUMBER NUMBER TOTAL A MEGRANTS (KGS) HEIGHT HEIGHT	SRAM														
A LGRANTS NUMBER NUMBER NUMBER NIGRANTS NIGRANTS S S 39 610 55 39 610 55 39 610 55 39 610 55 39 610 55 39 610 55 39 610 55 39 610 55 39 610 55 39 610 55 39 610 55 39 610 55 39 610 55 30 55 55 30 55	AVE. GRAM/ FISH	77.0	60.4	57.8	59.9	45.3	52.0	50.4	56.7	66.2	45.0	74.1	65.6	87.9	
NON NET NON NET NON NET NON NET NON NET NON NET NON NET NET NET NET NET NET NET NET NET NE	TOTAL WEIGHT (KGS)	2,835.8	612.3	2,251.2	2,719,3	453.6	1,394.8	499.0	283.5	6,084,9	1,016.3	1.664.1	1,496.9	1,351.7	
ZONONONZZZONO	MUMBER OF MIGRANTS	36,808	10,125	39,610	45,362	10,000	26,775	9,900	5,980	91,860	22,557	20,225	22,815	15,369	
97.4 S S S S S S S S S S S S S S S S S S S	NUMBER OF SUB- MIGRANTS														
	BROOD	H 7261	1974 S	S 4261	S +161	S +161	1974 5	S \$ 161	N +161	1975 W	H 5161	S 5461	S 5261	S 5261	

TABLE 132. -- CONTINUED.

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TABLE 133.--COASTAL WASHINGTON TOKUL CREEK HATCHERY - WASHINGTON DEPARTMENT OF GAME RELEASE OF- STEELHEAD TROUT.

NAMER NUMBER NU			KELEASE UP		SI EELHEAD IKUUI.	•				
## 65,384 5,788,7 67,3 4,66 S PUGT SNO TRB ## 66,730 6,256,9 73,2 62,9 4,615 S PUGT SNO TRB ## 65,730 6,256,9 73,2 64,9 4,65 S PUGT SNO TRB ## 65,730 6,595,7 73,4 6,595,7 73,4 7,65 S PUGT SNO TRB ## 61,24 6 5,121,1 6,2 1,214,1 6,2 1,214,1 7,1 7,1 8 PUGT SNO TRB ## 5,802 2,320 6,595,7 75,4 6,7 5,5 6,6 4-5/69 S PUGT SNO TRB ## 5,802 2,320 8,2,038,0 6,2 6,7 75,5 6,7 7 8 PUGT SNO TRB ## 5,802 2,220 1,1,23,2 6,6 5 6,7 7 7 8 PUGT SNO TRB ## 5,802 2,220 1,1,3,4 7 5,6 6,7 7 7 8 PUGT SNO TRB ## 5,802 2,220 1,1,3,4 7 5,6 6,7 7 7 8 PUGT SNO TRB ## 5,802 2,220 1,1,3,4 9 93,3 6,4 7 7 5,5 5 PUGT SNO TRB ## 5,802 2,220 1,1,3,4 9 93,3 6,4 7 7 7 8 PUGT SNO TRB ## 6,6 7,7 8 PUGT SNO TRB ## 6,6 7,7 8 PUGT SNO TRB ## 7,8 8,4 8,5 7 8 PUGT SNO TRB ## 7,8 8,4 8,5 7 8 PUGT SNO TRB ## 7,8 8,4 8,5 7 8 PUGT SNO TRB ## 7,8 8,4 8,5 7 8 PUGT SNO TRB ## 7,8 8,4 8,5 7 8 PUGT SNO TRB ## 7,8 8,4 8,5 7 8 PUGT SNO TRB ## 7,8 8,4 8,5 8 PUGT SNO TRB ## 7,8 8,8	BROOD	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	PRANCE	DATE RELEASES	RELEASE	RELEASE	RELEASE
## 66,344 5,310.2 62.9 4/61 S PUGT SND TR8 ## 65,347 6,256.6 69.9 73.2 4/65 S PUGT SND TR8 ## 65,347 6,256.6 69.9 73.2 4/65 S PUGT SND TR8 ## 65,937 4,225.1 50.3 6,93. 74.6 S PUGT SND TR8 ## 65,937 7,124.9 50.3 6,4.6 50.3 50.3 50.3 50.0 50.0 50.0 50.0 50.0	M 6561		85,984	5,788.7	67.3		4/68			
## 86,780 5,034,9 56.0 4,63 S PUGT SND TR8 ## 865,387 6,556,6 69.9 73.2 4,64 S PUGT SND TR8 ## 86,387 6,556,6 69.9 73.2 4,64 S PUGT SND TR8 ## 81,234 6,526,6 69.9 4,67 S PUGT SND TR8 ## 16,514,162 11,387 718.9 61.4 4,65 S PUGT SND TR8 ## 16,514,162 11,387 718.9 61.4 4,65 S PUGT SND TR8 ## 16,514,162 11,393.5 64.2 64.7 56.6 4.6 5/69 S PUGT SND TR8 ## 16,514,162 11,393.5 64.0 4,67 S PUGT SND TR8 ## 16,514,162 11,393.5 64.7 56.6 4.6 5/69 S PUGT SND TR8 ## 16,514,162 11,393.5 64.0 4,67 S PUGT SND TR8 ## 16,514,162 11,314,134,134,134,134,134,134,134,134,1	1961		84,314	5,310,2	65.9		19/4	SND		
## 85,387 6,256,9 73,2 ## 85,387 6,256,9 73,2 ## 85,387 6,256,9 73,2 ## 81,936,6 6,94,9 ## 81,536,6 6,4275.1 58.2 ## 81,536,6 6,4275.1 58.2 ## 81,536,6 6,4275.1 58.3 ## 82,3144 19,541,9 51,9 51,9 51,3 56,6 4-5/68 S PUGT SND TRB ## 82,3144 19,541,9 51,9 51,9 51,3 56,6 4-5/68 S PUGT SND TRB ## 82,3144 19,541,9 51,9 51,3 56,3 50,3-56,6 4-5/68 S PUGT SND TRB ## 83,306, 2,114,6 6,3,9 51,3-56,6 4-5/68 S PUGT SND TRB ## 85,802 23,384 6,2 6,4,7-75,5 4-5/68 S PUGT SND TRB ## 85,802 23,384 6,2 6,4,7-75,5 4-5/70 S PUGT SND TRB ## 85,802 23,284 10,4 ## 85,802 13,113,8 72,3 64,7-75,5 5 PUGT SND TRB ## 85,802 13,113,8 72,3 64,7-75,5 5 PUGT SND TRB ## 85,802 13,113,8 72,3 64,0 77,7 S PUGT SND TRB ## 86,845 7,752 8 PUGT SND TRB ## 86,845 7,752,8 PUGT SND TRB ## 86,945 7,753,8 PUGT	H 1961		86,700	5,034,9	58.0		4/62	SND		
## 86,9146 5,956.6 69.9 4,765 S PUGT SND TRB ## 86,997 4,275.1 56.2 4-66 S PUGT SND TRB ## 184,162 18,284 5,121.1 63.0 4,767 S PUGT SND TRB ## 184,162 18,284 5,121.1 63.0 4-67 S PUGT SND TRB ## 184,162 18,284 5,134 5,134 5,134 5,134 6	1962 W		85,387	6,256,9	73.2		4/63	SND		
## 84.997 4,275.1 58.2	1963 W		85,148	5,956.6	6.69		49/4	SND		
No.	M 4961		84,997	4,275,1	58.2		4/65	SND		
11,887 17,819 63.0 4,67 S PUGT SND TRB 18,416.2 10,203.5 60.4 4,68 S PUGT SND TRB 18,416.2 10,203.5 60.2 64.7 54.9 S PUGT SND TRB 18,416.2 10,203.5 60.2 64.7 54.9 S PUGT SND TRB 18,516.4 10,511.9 51.9 51.3 56.6 4-5/69 S PUGT SND TRB 18,523.6 10,523.5 60.2 64.7 75.5 77 S PUGT SND TRB 18,523.6 2,038.1 80.2 4-5/71 S PUGT SND TRB 18,203.6 2,038.1 80.2 64.7 75.5 77 S PUGT SND TRB 18,203.6 13,13.8 72.3 64.7 75.5 57/72 S PUGT SND TRB 18,209 13,13.8 72.3 64.7 75.5 57/72 S PUGT SND TRB 18,209 17,134.9 93.3 64.0 4-5/73 S PUGT SND TRB 18,566 6,661.8 86.5 4-5/74 S PUGT SND TRB 18,566 6,661.8 86.5 4-5/74 S PUGT SND TRB 18,566 7,555.2 93.4 4-5/74 S PUGT SND TRB 18,566 7,555.2 76.7	1 965 H		87,380	6,585.7	15.4		4/66	SND		
11,007 710,00 60,00 4,600 5 pug 5	H 9961		81,254	5,121,1	63.0		4/67	ONS.		
164,162 18,28.6 4-5/68 S PUGT SND TRB 165,515 14,28.6 63.9 51.3 56.6 4-5/69 S PUGT SND TRB 165,515 14,28.6 63.9 64.7 75.5 4-5/69 S PUGT SND TRB 161,553 14,58.6 63.9 4-5/71 S PUGT SND TRB 161,28.3 16.4 63.9 64.8	1967. S		11,887	718.9	60.4		4/68	SNO		
Control Cont	H 1961		184,162	10,290.8	55.3			SND		
165,515 11,293.5 68.2 64.7 75.5 4-5/70 S PUGT SND TRB 161,553 9,213.8 56.9 4-5/71 S PUGT SND TRB 161,553 9,213.8 56.9 4-5/71 S PUGT SND TRB 161,513 13.8 10.4 4/71 S PUGT SND TRB 181,219 13,113.8 72.3 64.7 5.75.5 5/72 S PUGT SND TRB 181,219 13,113.8 72.3 64.7 5.75.5 5/72 S PUGT SND TRB 181,219 13,113.8 72.3 64.7 5.75.5 5/72 S PUGT SND TRB 181,219 13,113.8 72.3 64.7 5.75.5 5/72 S PUGT SND TRB 181,219 13,113.8 16.9 6.72 S PUGT SND TRB 181,219 13,113.8 16.9 6.72 S PUGT SND TRB 181,219 13,113.8 16.9 6.72 S PUGT SND TRB 181,510 13,113.8 16.9 6.5	M 9961		203,104	10,541,9	51.9		69/5 -4	SND		
10	H 6961		165,515	11,293.5	68.2		4- 5/70	SND		
H 5,802 23,888 2,038.8 56.9 4-5771 S PUGT SNO TRB S 5,610 23,888 2,038.8 66.8 4771 S PUGT SNO TRB H 181,209 13,113.9 13,113.9 54.7 75.5 5772 S PUGT SNO TRB S 2,220 183,496 17,134.9 93.3 45772 S PUGT SNO TRB S 2,220 183,496 17,134.9 93.3 45773 S PUGT SNO TRB H 79,265 6,100 45774 SNOHOMISH R F 19,265 2,20 17,134.9 93.3 45774 SNOHOMISH R H 181,509 26.0 17,134.9 93.3 45774 SNOHOMISH R S 2,220 183,496 17,134.9 93.3 45774 SNOHOMISH R H 181,509 26.0 17,134.9 93.4 45774 SNOHOMISH R S 2,220 183,496 17,134.9 93.4 45775 SKYKOMISH R	N 0161		33,064	2,114.6	63.9		12/4	SND		
5.802 23,888 2.038.8 88.2 4/71 S PUGT SND TR8	H 0261		161,553	9,283.8	56.9			S PUGT SNB TRB		
S 5,610 TRB S 5,610 181,209 13,113.8 72.3 64.7-75.5 5772 S PUGT SND TRB 181,209 13,113.8 72.3 64.7-75.5 5772 S PUGT SND TRB S 2,220 183,496 17,134.9 93.3 4-5/73 S PUGT SND TRB S 1,762 3,315.3 64.0 4-5/73 S PUGT SND TRB 5 6,00 4-5/74 S NOHOMISH R 101,560 7,795.9 76.7 76.7 575 S PUGT SND TRB 84,9645 7,255.2 65.5 64.0 4-5/74 SKYKOMISH R 101,560 7,795.9 76.7 76.7 575 S PUGT SND TRB 101,560 7,795.9 76.7 4-5/75 SKYKOMISH R 101,560 7,795.9 76.7 4-5/75 SKYKOMISH R 101,560 14,617.0 77.3 4-5/76 SKYKOMISH R 101,960 14,617.0 77.3	H 016	5,802		600	10.4		7/70	SNOHOMISH R		
S 5,610 181,209 13,113,8 72,3 64,7-75,5 5/72 S PUGT SND TRB 5172 S PUGT SND TRB 5/72 S	S 026		23,888	2,038,9	88.2		12/4	S PUGT SND TRB		
	S 1261	5,610		38.6	6.8		8/71	SNOHOMISH R		
S 2,220	H 116		181,209	13,113.8	72.3	6+e7 - 75.5	5/72	S PUGT SND TRB		
S 2,220 183,496 17,134,9 93,3 4,-5/73 S PUGT SND TRB S 1,762 3,315,3 64,0 4,-5/73 S PUGT SND TRB S 40,518 3,785,2 93,4 4,-5/74 SNOHOMISH R F 79,266 6,961,8 86,5 4,-5/74 TOKUL CR R 84,945 7,255,2 85,5 4,-5/74 SYRKOMISH R 101,560 7,795,9 76,7 4,-5/75 SYRKOMISH R 30,296 2,372,7 78,3 4,75 SYRKOMISH R 189,060 14,617,8 77,3 4,-5/76 SYRKOMISH R SNOHOMISH R	S 1761		419588	2,084.7	50.5		5/72	SND		
103,496 17,134.9 93.3 4-5/73 S PUGT SND TRB 10,516 3,716.2 93.4 4-5/73 S PUGT SND TRB 10,518 3,716.2 93.4 4-5/74 SNOHOMISH R 10,566 6,361.8 86.5 4-5/74 TOKUL CR 10,566 7,725.2 65.5 65.5 65.5 10,566 7,7795.9 76.7 6-5/76 SKYKOMISH R 10,566 14,617.8 77.3 4-5/76 SKYKOMISH R 10,94060 14,617.8 77.3 70.404 77.5 70.404 77.5 10,94060 14,617.8 77.3 70.404 77.5 70.404 77.5 10,94060 14,617.8 77.3 70.404 77.5 70.404	S 216	2,220		37.5	16.9		6/72	SND		
S 51,762 3,315,3 64,0 4-5/73 S PUGT SND TRB S 40,518 3,785,2 93,4 4-5/74 SNOHOMISH R 79,266 6,861,8 86,5 4-5/74 TOKUL CR H 84,845 7,255,2 85,5 5/74 SKYKOMISH R 181,560 7,795,9 76,7 4-5/75 PILCHUCK R H 38,296 2,372,7 78,3 4-5/76 SKYKOMISH R H 189,060 14,617,8 77,3 4-5/76 SKYKOMISH R SNOHOMISH R	1972 W		183,496	17,134.9	93.3		4- 5/73	SND		
S +0,518 3,785.2 93.4 4-5/74 SNOHOMISH R 79,266 6,861.8 86.5 4-5/74 TOKUL CR H 84,845 7,255.2 85.5 5/74 SKYKOMISH R 181,560 7,795.9 76.7 4-5/75 PILCHUCK R SNOHOMISH R TOKUL H 38,296 2,372.7 78.3 4/75 SKYKOMISH R SNOHOMISH R	S 2161		51,762	3,315,3	64.0			0		
H 79,266 6,861.8 86.5 4-5/74 TOKUL CR H 84,845 7,255.2 85.5 5/74 SKYKONISH R H 181,560 7,795.9 76.7 4-5/75 PILCHUCK R SNOHOMISH R TOKUL H 38,296 2,372.7 78.3 4/75 SKYKOMISH R SNOHOMISH R	1973 S		40,518	3,785.2	93.4					
H 84,845 7,255,2 85,5 5,74 SKYKONISH R 181,560 7,795,9 76,7 4-5/75 PILCHUCK R SNOHOMISH R TOKUL H 38,296 2,372,7 78,3 4/75 SKYKOMISH R SNOHOMISH R H 189,060 14,617,8 77,3 4-5/76 SKYKOMISH R SNOHOMISH R	1973 H		79,266	6,861.8	86.5			TOKUL CR		
H 38,296 2,372.7 78.3 4-5/75 PILCHUCK R SNOHOMISH R TOKUL H 38,296 2,372.7 78.3 4/75 SKWKOMISH R TOKUL H 189,060 14,617.8 77.3 4-5/76 SKWKOMISH R SNOHOMISH R	1973 H		84,845	7,255,2	85.5		5/74	SKYKONISH R		
H 38,296 2,372,7 78,3 4,75 SKYKOMISH R SNOHOMISH H 189,060 14,617,8 77,3 4-5176 SKYKOMISH R SNOHOMISH	M 4261		101,560	7,795.9	7.97		4- 5/15	PILCHUCK R		
H 189,060 14,617.8 77.3 4-5/76 SKYKOMISH R SNOHOMISH	H 4161		30,296	2,372,7	78.3		4/15			
	H 5161		189,060	14,617.8	77.3		4- 5/76	SKYKOMISH R		

TABLE 134.--CDASFAL WASHINGTON
BARNABY POND
- WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

			1						
BROOD	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAN/ FISH	SRAM	DATE	RELEASE	RELEASE	RELEASE
1959-60									
M 1961		114.050	7.516.5	65.8		4/62	SKAGIT R		
1962. W		74,781	5.470.8	73.1		4/63	SKAGIT R		
1963. H		190,756	13,175.0	69.0		49/4	SKAGIT R		
196 F		164,392	9,681.8	58.8		4/65	SKAGIT R		
1 365 H		219,267	17.448.8	79.5		4/66	SKAGIT R		
1966. H		181,132	13,469.0	74.3		4/67	SKAGIT R		
1967. H		258,237	19,773.5	76.5	75.5- 90.7	4- 6/68	SKAGIT R		
1 968 M		345,040	23,814.1	69.0	64.7- 75.5	69/9 -4	SKAGIT R		
1 696 I		308,126	21,539.3	6.69		4- 5/70	SKAGIT R		
H 0161		228,885	17,276.8	78.4		17/4	SKAGIT R		
1971 H		125,080	13,037,6	104.3	90.7-113.3	4- 5/72	SKAGIT R		
1972. W		214,713	17,213.8	60.1		4- 5/73	SKAGIT R		
1973. H		121,975	9,137.6	74.9		4- 5/74	SKAGIT R		
1974. H		94,858	6.441.3	67.9		4- 5/75	SKAGIT R		
1974. H		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 H		179,703	12,074.6	67.1		4- 5/76	SKAGIT R		
S 5161		36,478	1,351.7	37.0		4- 5/76	SKAGIT R		

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

		KELEASE UF	Ure SIEEL	SIEELHEAD IKUDI.					
BROOD	NUMBER OF SUB- MIGRANTS	NUNBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	GRANCE	RELEASES	RELEASE	RELEASE	RELEASE
1959-60 1961 H	c ,	21,645	1,518.5	2.69		4/62	4762 STLLAGUAMISH R		

TABLE 136.--COASTAL WASHINGTON
BOGACHIEL POND
- WASHINGTON DEPARTMENT OF GANE
RELEASE OF- STEELMEAD TROUT.

N Z									-UCA		FUCA					
RELEASE											JUAN DE				ELWHA R	
RELEASE LOCATION						NGSTL MASH		нон ж			ELWHA R				DUNGENESS R	
RELEASE LOCATION		NGSTL WASH	NGSTL WASH	HOOD CANAL TRB	HOOD CANAL TRB	HOOD CANAL TRB	HOOD CANAL TRB	BOGACHIEL R	DUNGENESS R	BOGACHIEL R	DUNGENESS R	SEQUIM BAY	B QUILICENE R	SOLEDUCK R	JUAN DE FUCA	HUMPTULIPS R
DATE			69/5	5/70	5/71		5/73							4/76		
ZANGE SRAM/ FISH			64.7- 75.5			56.5- 64.7	75.5- 90.7									
AVE. GRAM/ FISH		68.0	66.2	78.3	4.19	64.5	88.0	82.1	82.9	90.06	89.5	87.2	88.9	87.3	87.2	87.2
TOTAL WEIGHT (KGS)		8,768.4	19,200.6	20,061.8	13,290.7	13,758.8	21,005.9	7,418.5	11,317.1	9,666.	8,076.2	1,744.1	938.9	5,718.7	8,362,8	1,746.3
NUMBER OF Migrants		128,784	289,745	255,905	216,458	213,258	238,500	90,353	136,414	107,363	90,155	19,994	10,550	65,362	95,862	20,020
NUMBER OF SUB- MIGRANTS	•															
BROOD	1959-66	1 967 H	1 96 B	M 6961	1970 H	H 1261	1972 W	1973 H	1973 H	1974 H	1974. H	H 4261	H 9261	1975. W	1975 H	1975. H

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

	RELEASE											SNOHOMISH R		GREEN R		SAMMANISH R	
	RELEASE											SAMMAMISH R		SAMMAMISH R		GREEN R	
	RELEASE		S PUGT SND TRB	GREEN R	L MASHINGTON	GREEN R	L HASHINGTON	GREEN R	CEDAR R	GREEN R							
	DATE		4- 5/69	02/4	3/71	11/4	4/72	4172	4/73	4/73	4114	4174	42/4	4/15	4- 5/75	4176	4/16
	PERMIT FISH							75.5- 90.7									
STEER BANG	AVE. GRAM/ FISH		62.4	57.6	67.8	84.0	87.7	77.9	4.68	83.8	8.101	101.3	78.2	90.6	66.7	93.1	75.5
,	TOTAL WEIGHT (KGS)		9,676.5	12,858.0	10,414.8	4.150.4	12,926.0	3,613.3	13,734,3	4,967.7	7,647.5	7,697.2	4,551.3	13,683.2	3,912.2	13,652.2	4,826.2
NEELWOE OF	NUMBER OF MIGRANTS		154,985	223,183	153,510	684 664	147,286	46,352	153,481	59,261	75,858	75,952	58,328	150,142	58,650	146,636	63,840
	NUMBER OF SUB- MIGRANTS	•															
	BROOD	1929-61	1 96 8 M	1969 M	1970 H	S 0261	1 1 1 1 M	S 1261	1972 H	S 2261	1973 H	1973 H	1973 S	1974 H	1974 S	1975 W	S 5261

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

RELEASE	
RELEASE LOGATION	
RELEASE	SKAGIT R SKAGIT R SKAGIT R SKAGIT R
DATE	4/71
RANGE FISH	64.7- 75.5
AVE. GRAM/ FISH	67.5
TOTAL WEIGHT (KGS)	9,554.9
NUMBER OF MIGRANTS	132,726 152,311 117,195
NUMBER OF SUB- MIGRANTS	•
BR000 YEAR	1959-69 1971 S 1972 S 1973 S

TABLE 139.--COASTAL WASHINGTON DEPARTMENT OF SAME MAYR BROS POND - WASHINGTON DEPARTMENT OF SAME DELEASE OF STEELMEAD TROUT.

	LOCATION	WYNOOCHEE R
	RELEASE	SATSOP R
	RELEASE LOCATION	CHEMALIS R WILLAPA SYSTEM CHEMALIS R
STEEL WEAD TROUT.	DATE	4-5/75
	FIRM	
EAD TROUT	AVE. GRAM/ FISH	85.3 87.2 76.9
RELEASE OF- STEEL	TOTAL WEIGHT (KGS)	9 3 3 5 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
RELEASE	NUMBER OF MIGRANTS	109,039 15,028 134,438
	NUMBER OF SUB- MIGRANTS	
	BROOD	1960-73 1974 H 1975 H

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

9	WINDER OF	-	STEELHEAD TROUT.	200	2440	to G		100
	OF HIGRANTS	KEIGHT	GRAN. FISH	FISH		LOCATION	LOCATION	LOCATION
	0	63						
	11,464	570.2	49.7		4/65	DE		
	12,488	788.1	56.7		99/4	DE		
	4.770	237.7	49.8		4/67	DE		
	14,257	718.5	50.3		4/68	JUAN DE FUCA		
	13,099	794.2	60.6		69/4	30		
	•							

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

RELEASE						
RELEASE			SNOHOMISH R	SNOHOMISH R		
RELEASE LOCATION		SAMISH R	SKYKOMISH R	SKYKOMISH R	SNOHOMISH R	SNOHOMISH R
DATE		4- 5/75	4- 5/75	4- 5/15	4- 5/76	4- 5/76
RANGE						
AVE. GRAH/ FISH		86.8	89.3	64.8	77.0	57.9
TOTAL WEIGHT (KGS)	•	3,473.6	8,814.2	9,597.1	14,249.5	7,252.5
NUMBER OF MIGRANTS	•	40.013	98,692	147,923	184,994	125,052
NUMBER OF SUB- MIGRANTS	٠					
BROOD	1960-73	M 4261	1974 W	S 4261	1975 W	S 5261

TABLE 142.--COASTAL WASHINGTON
HITEHORSE POND
-- MASHINGTON DEPARTHENT OF GAME
RELEASE OF- STEELNEAD TROUT.

NUMBER NUMBER TOTAL OF SUB- OF MEIGHT MIGRANTS (KGS)		43,106 1,853.4						570			,370	100							28,386 2,006.7		4-68-61 69-631									99,363 7,101.0
AVE. GRAM! FISH	67.8	43.2	24.9	61.8	70.8	31.4	65.3	68.5	54.0	52.0	64.3	58.7	56.5	4.19	2.69	46.1	121.7	21.7	78.6		83.00	67.8	81.6	52.9	83.1	85.4	78.0	75.8	73.6	7104
BRANCE FISH																				54.1- 12.5	54.7 90.7									
DATE	4/63	4/63	4/9/4	49/4	4/65	4/65	4/66	99/4	4/67	19/4	4- 5/68		69/4	69/4	4- 5/70			4- 5/71			4- 5/73		4774	4- 5/74	4/15	4/75	4- 5/75	4/76	4/76	4/76
RELEASE	S PUGET SOUND	PUGET							S PUGET SOUND	S PUGET SOUND	S PUGET SOUND		S PUGET SOUND	S PUGET SOUND	S PUGET SOUND	8					S PUGET SOUND		œ	STLLAGUAMISH R		HISH	STLLAGUANISH R		PILCHUCK R	STLLAGUANISH R
RELEASE																							STLLAGUAMISH R							
RELEASE LOCATION																														

[&]quot;-" INDICATES HATCHERY NOT IN OPERATION

-- INDICATES HATCHERY NOT IN OPERATION

		TABLE ! WHITEHO RELEASE	TABLE 143COASTAL WASHINGTON HITEHORSE POND - WASHINGTON DEPARTMENT OF GAME RELEASE OF- SEARUN CUTTHROA TROUT	WASHINGTO - WAS	SHENGTON DEP	ARTHENT OF	GAME		
BROOD	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE	RELEASE	RELEASE LOGATION	W
1959-61 1962-63 1964 1966 1966	i ca	24.033 77.488 71.812 57.650	5.478.9 3.698.4 2.272.8	700.7	55.05 50.05 50.05 50.05 50.05 50.05 50.05 50.05	4- 5/65	STLLAGUANISH R STLLAGUANISH R STLLAGUANISH R STLLAGUANISH R		

TABLE 1440--COLUMBIA BASIN- MASHINGTON
ABERNATHY HATCHERY - US FISH AND WILDLIFE SERVICE
RELEASE OF- FALL CHINOOK SALMON.

RELEASE	
RELEASE LOCATION	
RELEASE LOCATION	ABERNATHY CR ABERNATHY CR
DATE	6-10/60 6-1
TENE TRANCE TON	2 2 2 2 2 2 2 3 3 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
AVE. GRAM/ FISH	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
TOTAL WEIGHT (KGS)	4
NUMBER OF MIGRANTS	1,070,288 3999,013 421,988 5384,2864 538,589 516,580 516,580 673,991 673,991 6839,751 1,064,187 6339,751 1,289,077 857,974
NUNBER OF SUB-	
6R00B YEAR	1959 1960 1961 1962 1963 1965 1965 1966 1977 1977 1975

TABLE 145.--COLUMBIA BASIM- WASHINGTON ABERNATHY HATCHERY RELEASE OF- SPRING CHINOOK SALMON.

	RELEASE	
	RELEASE	ABERNATHY CR
	DATE	91/9
02020	ZANGE SRAM! FISH	
משנים מודיים	AVE. GRAM/ FISH	1.91
	TOTAL WEIGHT (KGS)	1,523.2
100000000000000000000000000000000000000	NUMBER OF MIGRANTS	94.428
	NUMBER OF SUB- MIGRANTS	•
	9R000 YEAR	1960-73

RELEASE

TABLE 146.--COLUMBIA BASIN- MASHINGTON
ABERNATHY MATCHERY
- US FISH AND MILDLIFE SERVICE
RELEASE OF- COHO SALMON.

RELEASE	
RELEASE	
RELEASE	ABERNATHY CR ABERNATHY CR ABERNATHY CR
DATE	8-12/73 1- 3/74
RANGE GRAM/ FISH	28.3- 41.2
GRAM/ FISH	42. 3.00 3.00 3.00 3.00 3.00 3.00 3.00 3.
TOTAL WEIGHT (KGS)	127.9 296.2 399.6
NUMBER OF MIGRANTS	3,823
NUMBER OF SUB- MIGRANTS	0 54.899
BROOD	1958-71 1972 1972

TABLE 147.--COLUMBIA BASIN- MASHINGTON Abernathy Hatchery - us fish and Mildlife Service Release of- Steelhead Trout.

BR000 YE AR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAH/ FISH	SRANCE	DATE RELEASES	RELEASE LOCATION	RELEASE	RELEASE
8-72 3 H	5,586	•	107.8	1.61		11/73	ABERNATHY CR		
T O	05,669	a	2,283.8	23.8		11/75	WILLAMETTE R 0		

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

RELEASE								
RELEASE								
RELEASE	WIND R	MIND &	WIND R	WIND &		WIND R		WIND R
DATE RELEASES	5/60	8/60	10/60	19/9		2/65		5/76
RANGE GRAM/ FISH								
AVE. GRAM/ FISH	E -	3.8	9.6	2.8		9.0		2.1
TOTAL WEIGHT (KGS)	12,584.9	29.8	1,867.9	5,342.4	•	1,030,1	-	1,458.3
NUMBER OF MIGRANTS	9,364,355	9,631	194,398	1,860,489	•		-	668,692
MUMBER OF SUB- MIGRANTS					0	2,498,670	0	
BROOD	959	626	626	096	961-63	196	965-74	975

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

RELEASE	
RELEASE LOCATION	
RELEASE	MIND R
DATE RELEASES	4,66 4,66
PANGE SRAM/ FISH	9.1-15.6 19.7-23.8
AVE. GRAM! FISH	00000000000000000000000000000000000000
TOTAL WEIGHT (KGS)	14,485.2 4,667.0 22,487.3 18,143.7 18,143.7 14,014.2 14,014.2 18,014.2 18,014.2 34,183.2 34,183.2 34,183.2 34,183.2 34,183.2 34,183.2 34,183.2 34,183.2 34,183.2 35,182.2 35,182.2 35,182.2 35,183.1 35,182.2 35,182.2 35,182.2 35,182.2 35,182.2 35,182.2 35,183.3
NUMBER OF MIGRANTS	1,016,469 260,720 1,478,634 1,264,969 3,836,897 1,153,521 1,989,466 2,411,552 1,613,395 1,511,613,395 1,511,613,395 1,511,613,395 1,511,610,610 1,518,610 1,
NUMBER OF SUB-	75,313 16,976 2,025 76,875 76,875 692,410 424,660
BROOD	1958 1960 1960 1960 1965 1965 1965 1970 1970 1971 1971 1971

TABLE 150.--COLUMBIA BASIN- MASHINGTON CARSON HATCHERY - US FISH AND MILOLIFE SERVICE RELEASE OF- COHD SALMON.

PRODUCTOR NUMBER NUMBER NUMBER TOTAL FRAM GRAM GRAM GRAM GRAM GRAM GRAM GRAM G										
55,367 1,311,3 23,6 4/61 927,932 20,105,0 21,6 713,254 12,298,7 17,2 191,105 60,800 26,785,3 17,4 15,1-18,1 2-5/65 1,636,799 26,913,0 16,4 524,000 1,636,799 26,913,0 16,4 803,272 476,520 7,679,3 16,1 3,946,3 19,7	BROOD	NUMBER OF SUB-	NUMBER OF	TOTAL	AVE. GRAM/	SRANCE	DATE RELEASES	RELEASE	RELEASE	RELEASE
927.932 20.105.0 21.6 4/61 9 713.254 12.298.7 17.2 4/61 9 713.254 12.298.7 17.2 3/63 191.105 60.800 26.785.3 17.4 15.1-18.1 2-5/65 191.105 1.636.799 26.913.0 16.4 15.1-18.1 2-5/65 1.860.800 83.272 0.4 15.1-18.1 2-5/65 1.860.800 83.272 0.4 15.1-18.1 2-5/65 1.860.800 83.272 0.4 15.1-18.1 3/69 227.2 0.4 15.1-18.1 2-5/65 1.860.800 83.3 16.1 16.4 3/69 200.800 83.3 16.1 3/69 3/69		HINKANIS	HEKANIS	(KOS)	1734	10.4	-			
927,932 20,105.0 21.6 4/61 713,254 12,298.7 17.2 3/63 9 367.1 17.2 3/63 1,529,820 26,785.3 17.4 15.1-18.1 2-5/65 191,105 68,800 1,248.3 19.1 16.4 5.1-18.1 2-5/65 191,105 83.9 8.4 15.1-18.1 2-5/65 1,636,799 26,913.0 16.4 2/65 1,860,840 3.946.3 16.1 3.946.3 19.7 3/69	65		55,387	1,311,3	23.6		19/4	WIND R		
713,254 12,298,7 17,2 3763 0 524,535 9,367,1 17,6 4/63 0 1,529,820 26,785,3 17,4 15,1-18,1 2-5/65 191,105 68,808 1,248,3 18,1 16,4 52,1-18,1 2-5/65 191,105 68,808 1,248,3 18,1 16,4 52,1-18,1 2-5/65 1,636,799 26,913,1 16,4 6.3 3,96 803,272 69,8 16,1 227,2 0,4 68,8 16,1 227,2 0,4 68,8 16,1 24,68 2-3/67 208,840 8,946,3 16,1 3,946,3 19,7 3/69	.65		927,932	20,105.0	21.6		19/4	COL RIVER 3		
713,254 12,298.7 17.2 3/53 524,535 9,357.1 17.6 17.6 4/63 1,529,820 26,785.3 17.4 15.1-18.1 2-5/65 191,105 68,800 1,248.3 18.1 4-5/65 191,105 1,636,799 26,913.0 16.4 2275 1,869,800 227.2 0.4 2-3/67 1,869,800 690.8 18.8 18.8 4/68 603,272 476,520 7,679.3 16.1 3/67	60.	•	0							
9,367.1 17.8 4/63 1/529,825 9,367.1 17.8 4/63 1/529,820 26,785.3 17.4 15.1- 18.1 2-5/65 18.1 1.248.3 18.1 18.1 1.248.3 18.1 18.1 1.248.3 18.1	19		713,254	12,298.7	17.2		3/63	COL RIVER 3		
1,529,820 26,785.3 17.4 15.1- 18.1 2-5/65 161,280 3,287.6 18.1 4-5/65 191,105 68,800 1,248.3 18.4 524,800 227.2 0.4 2-3/67 1,869,840 3,946.3 16.1 1,636,799 26,913.0 0.4 227.2 0.4 3,946.3 16.1 3,699 3,946.3 19.7 3,690 3,946.3 19.7 3,690 3,946.3 19.7 3,690 3,946.3 19.7 3,690 3,946.3 19.7 3,690 3,946.3 19.7 3,690 3,946.3 19.7 3,690 3,946.3 19.7 3,690 3,946.3 19.7 3,690 3,946.3 19.7 3,690 3,946.3 19.7 3,690 3,946.3 19.7 3,690 3,946.3 19.7 3,690 3,946.3 19.7 3,690 3,946.3 19.7 3,690 3,946.3 19.7 3,690 3,946.3 19.7 3,690 3,946.3 3,690 3,946.3 19.7 3,690 3,946.3 19.7 3,690 3,946.3 19.7 3,690 3,946.3 19.7 3,690 3,946.3 3,690	. 19		524,535	9,367.1	17.8		4/63	MIND R		
1,529,820	52	0	•							
191,105 18,246,3 18,1 4-5/65 18,1 53,800 1,246,3 18,1 16,4 2/65 18,1 16,4 2/65 18,1 16,4 2/65 1,24,00 2,27,2 0,4 2-3/67 1,260,840 3,946,3 19,7 3/69	23		1,529,820	26,785.3	17.4	15.1-18.1	2- 5/65	MIND &		
60,800 1,248.3 18.1 4/65 191,105 636,799 26,913.0 16.4 2/65 524,000 383.3 0.4 2-3/67 1,860,840 383.3 0.3 3/67 803,272 476,520 7,679.3 16.1 3/69 2/65	200		181,280	3,287.6	18.1		4- 5/65	WRM SPRING R O		
91,105	20		68.888	1.248.3	18.1		4/65	COL RIVER 2		
524,000 1,636,799 26,913,0 16,4 227,2 0,4 1,860,840 803,272 690,8 8,8 476,520 7,679,3 16,1 2,00,840 3,946,3 19,7	40	191,165		83.9	4.00		2/65	HIND R		
524,000 1,860,840 803,272 476,520 200,848 3,946,3 3,946,3 3,946,3 3,946,3 3,946,3 3,69	100		1,636,799	26,913.1	16.4		3/67	HIND R		
1,869,840 803,272 690,8 8.8 4/68 476,520 7,679,3 16,1 3/69 208,848 3,946,3 19,7 3/69	99	524.000		227.2	4.0		2- 3/67	DESCHUTES R O		
803,272 690.8 8.8 4/68 476,520 7,679,3 16.1 3/69 200,848 3,946,3 19.7 3/69	99	1,860,840		383.3	0.3		3/67	MIND &		
476,520 7,679,3 16,1 3/69 208,848 3,946,3 19,7 3/69	29	803,272		6.069	8.8		4/68	MIND R		
208-848 3-946-3 19-7 3/69	29		476,520	7,679.3	16.1		3/69	WIND R		
	29		200,848	3,946,3	19.7		3/69	UMITILLA R O		

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

RANGE DATE RELEASE RELEASE GRAM/ RELEASES LOCATION LOCATION FISH	13.8- 14.1 2- 6/62 HOOD R ORE		69/6	01/4	8 4- 5/70 WIND R	3/70
AVE. GRAH/ FISH	10.4				53.8	
TOTAL WEIGHT (KGS)	6.796.6	0	1,295	1047401	2,596	122
NUMBER OF MIGRANTS	0	a		23,710	48,200	
NUMBER OF SUB- MIGRANTS	652,954	0	35,740			44.747
BR000	S 1961	52-67	58 S	58 S	5 89	2 09

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

RELEASE	
RELEASE	
RELEASE LOCATION	HETHOW R WENATCHEE R VAKAMA R HENATCHEE R HENTIAT R HETHOW R HETHOW R HETHOW R HETHOW R ENTIAT R SNAKE R ENTIAT R ICICLE
DATE	5/60 9/60 9/60 10/62 10/
RANGE	16.7 - 23.8
AVE. GRAM/ FISH	
TOTAL WEIGHT (KGS)	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -
NUMBER OF Migrants	25 282 316,545 316,545 57,349 229,828 229,828 229,828 251,000 271,000 271,000 271,139 436,626 149,640 149,640 25,275
NUMBER OF SUB- MIGRANTS	29.00 1.00
BROOD	1959 1959 1960 1960 1960 1961 1961 1964 1966 1966 1966 1976 1977 1977 1977 1977

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

RELEASE	
RELEASE	
RELEASE	ENTIAT R
DATE	3/76
RANGE SRAM/ FISH	
AVE. GRAH/ FISH	28.1
TOTAL WEIGHT (KGS)	8,271.7
NUMBER OF MIGRANTS	294,001
NUMBER OF SUB- MIGRANTS	0
BROOD	1960-73

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

	RELEASE																																											
	RELEASE																																											
	RELEASE		METHOW R	METHON R	TCTCLE R	METHON R		ENTIAT R	METHOW R	METRON R	ICICLE R	TOTAL E		FNITAT	WENATCHEE R		METHON R	ICICLE R	SNAKE R	I		FINT AT D		SNAKE R				WENATCHEE R	METHON R		ICICLE K	•		METHON D				TOTOLER				ICICLE R	8	ICICLE R
	DATE		9760	29/63	8/63	49/6	10/64	3/65	69/6	2/65	69/6	3/65	3/26	6/66	99/6 -2		7-19/66	3/67	4/67		3- 5/67	19/61	2769	4/68	2/68		4- 6/68	1/68	10/68	10/68	59/4	2760	6077	19/60	6/18	2/70	1775	3/72	5/72	6172	4/73	4774	4114	5214
	SRAM!																																											
SALMON.	AVE. GRAM/ FISH		16.4	2.5	M	15.0	7.3	3	11.3		-	4.4	9		8.3	8.6	7.8	3	28.2	3.0	0.5	9.5	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	24.9	9.0	1.0	0.8	=	19.0	14.2	54.9	0000		6.7	26.8	200	9 0	31.9	4	2.3	25.1	27.9	21.5	9
OF- COHO 5	TOTAL WEIGHT	· · · · · · · · · · · · · · · · · · ·	10,470.3	3,998.9	1.751.3	12,378,1	6,483.8	1,696.4	14.784.4	123.4	8,583.5	5,386.5	1001101	6.004	34.973.8	2.584.1	12,794.9	12,668.8	20,036,1	11,189.2		5,716.2	2000	17,458.3	831.0	383.5	351 .1	4.840.7	7,652.1	6,476.8	18,151.4	20000	600000	******	•			35.223.7		793.8	18.431.7	4,352.7	13,894.4	
RELEASE	NUMBER OF MIGRANTS	2	638,039	327,653	144604461	824,045		106,425	1,386,981			367,457	20000				1,623,178	•	708,000			500°284		780,000					400°844	452,929	727,000	105000		112.778	000	20000	1.67.800	200000000000000000000000000000000000000			734.000	156,000	645,000	000 66 69
	NUMBER OF SUB-	2			456.000		871.000			004 66 44	769,800		1 774 000	275.000	4-170-00B	299.855				3,701,000	382,176				1,672,106	430,564	418,750	4,397,080					2689 (45	29 2319 11 11			00019847		233.000	37.4.000	7776			
	BROOD		1959	1961	1062	1962	1963	1963	1963	1961	1961	1961	200	200	1965	1965	1965	1965	1965	9961	1966	9961	000	986	1961	1961	1961	1961	1961	1961	1961	1961	200	9	906	906	6961	5061	1261	1001	1 261	1972	1972	1973

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

NUMBER NUMBER TOTAL AVE. RANGE DATE 2,362,060 4,242.4 5,3 10,60 L WENATCHEE 2,326,000 27,126.2 11.3 10,60 L WENATCHEE 2,521,000 26,61.0 9.4 10,62 10,63 L WENATCHEE 2,021,000 26,677.6 7.9 9.4 10,63 L WENATCHEE 3,364,000 26,677.6 7.9 9.4 10,63 L WENATCHEE 3,364,000 26,677.6 7.9 9.4 10,63 L WENATCHEE 3,364,000 26,677.6 7.9 9.6 10,63 L WENATCHEE 4,75,000 7,968.3 16.7 9.6 10,65 L WENATCHEE 4,75,000 7,968.3 16.7 9.6 10,65 L WENATCHEE 2,826,000 25,392.1 8.9 9,65 L WENATCHEE 4,75,000 73,000 73,000 73,000 73,000 12.0 10,69 LOICLE R 1,4400 38.1 27.2 8.9 10,69 LOICLE R	ASE RELEASE TION LOCATION TCHEE TCHEE TCHEE TCHEE TCHEE TCHEE R R R
--	---

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

2000	LOCATION								
1000	LOCATION								
1040.00	LOCATION	METHOW R		METHON R		HETHON R		METHOW R	
	RELEASES	10/60		4/62		49/5 -4		3- 5/66	
-	GRAM/ FISH								
4114	GRAM/ FISH	113.7		66.5		42.8		23,3	
	WEIGHT	1,087.9		547.5	•	2,936,1	-	1,336,3	•
	NUMBER OF MIGRANIS	8,864	9	8,226	•	68,522	0		
	NUMBER OF SUB- MIGRANTS		•		ca ·		8	57,285	0
		S		s		s		S	
-	YEAR	1959	1960	1961	1 962	1963	1961	1965	9961

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

NUMBER	S S	NUMBER	TOTAL	AVE.	RANGE		DATE	RELEASE	RELEASE	RELEASE
MIGRANTS	ANTS	MIGRANTS	(KGS)	FISH	FISH					
5.574.300	300		2,212,2	0.3			1- 2/60			
		6,234,588	6,656,9	0.1			2/60	VER 3		
		8,852,132	12,092,3	1.3			2/60	~		
		61,400	528.9	8.6			11/60			
61	000061		7.3	0.3			1/61			
		4 , 298 , 702	13,612,8	3.1			19/9			
		7,492,018	22,771.7	3.8			19/9	I		
		38,818	91.2	2.3						
		12,077,844	30,355.8	2.5	2.3-	3.9	5- 6/62	COL RIVER 3		
		95,902	124.3	1.2			6/62			
		4,260	16.3	3.8			10/62			
		994,597	2,443.0	2.4			6/65			
		11,588,485	23, 155, 9	6.1						
		11,915,583	27,054.1	2.2	2.1-	2.8	2- 6/64			
		8,365,579	21,433.6	2.5		9.2	6/65	L WHT SALMON R		
		8,617,630	27,747.5	3.2			99/9			
505	502,580		20000	0.3			2/67			
2.117.000	.000		1,018.3	4.0			3/67	COL RIVER 3		
9		7,978,120	24.467.7	3.0			19/9	COL RIVER 3		
629	659,300		309.3	4.0			1/68			
1.000,000	.000		529.8	0.5			2/68	COL RIVER 3		
		1,800,000	2,554.6	2.5			6/68	WILLAMETTE R 0		
		7,791,384	28,257.4	3.6			6/68	COL RIVER 3		
		1,077,430	4,567.1	4.2			69/9	HILLAMETTE R 0		
		116,343	425.0	3.6			69/9	COL RIVER 3		
		7,351,343	29,020.4	3.9			69/9	L MHT SALMON R		
728	728.348		300.3	4.0			2/70	L WHT SALMON R		
		1.814.440	8,751.6	4.8			6/70	H		
		4.545.545	21,988.8	4.8			6/70			
		10.435,992	26,185.8	2.5			11/4			
1.011.940		-3"	574.7	0.5			1/72	L MMT SALMON R		
		11,400,000	43,635,1	3.8	-6.1	3.9	5172	•		
		13,171,329	48,919.5	3.7	3.5-	3.8				
		10,525,857	45,961.6	4.3		9.6	5- 6/74			
770	770.045		349.7	9.0			2175			
		14,239,267	57,117.3	4.0			4- 5/75	SAL		
		15,547,382	71,703.4	4.6				L WHT SALMON R		

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

RELEASE		
RELEASE		
RELEASE LOCATION	L WHT SALMON R KLICKITAT R KLICKITAT R KLICKITAT R L WHT SALMON R KLICKITAT R	L MHT SALMON R
DATE	99/4 99/6 19/4 19/4 19/4	4/69 4/71 4/72 4/73 4/73 4/75
FISH		25.1- 34.8
AVE. GRAM/ FISH	- 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23-00-04-04-04-04-04-04-04-04-04-04-04-04-
TOTAL WEIGHT (KGS)	2,5622 2,5622 2,5312 2,	3,841.5 9,416.5 13,229.5 17,612.6 23,010.3 26,312.0
NUMBER OF MIGRANTS		265,143 456,700 696,883 576,322 575,932 1,063,895 707,415
NUMBER OF SUB- MIGRANTS	50,000	
BROOD	956 5 5 5 6 6 6 6 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9	1967 1969 1970 1972 1973

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

Colored Colo			RELEASE	0F- COHO	SALMON.					
Column C	88000	NUMBER	NUMBER	TOTAL	AVE	RANGE	DATE	RELEASE	RELEASE	RELEASE
266,039	AR	OF SUB-	HIGRANTS	(KGS)	FISH	FISH	KELEASES	LUCALION	1000	2001
\$26,039 \$21,032 \$2,056.6 7.8 1.76 1.76 1.417 \$34.00 \$2	80		2819477	2,795.5	9.9		2/60	NO		
24,124 24 29956 7.9 11/66 L WHT SALMON 1-664,746 31,8794 19.1 24.1 24.1 24.1 24.1 24.1 24.1 24.1 24	80		453,210	3,570.2	7.8		2/68	COL RIVER 3		
24,524, 224, 224, 249, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24	6	260,039		2,056,5	7.9		11/68	SALMON		
2, 374, 930 2, 374, 930 2, 374, 930 2, 291, 595 1, 666, 109 2, 374, 930 2, 374, 930 2, 374, 930 3, 991, 394 1, 666, 109 3, 991, 394 1, 666, 109 3, 991, 394 1, 666, 109 3, 991, 394 1, 666, 109 3, 991, 394 1, 666, 109 3, 991, 394 1, 666, 109 3, 991, 394 1, 666, 109 3, 991, 394 1, 666, 109 3, 991, 394 1, 666, 109 3, 991, 394 1, 666, 109 3, 991, 394 1, 666, 109 3, 991, 394 2, 774, 930 2, 774, 940 2, 77	6		241,324	2,999.6	12.4		2/61	ZO P		
2.374,930 2.308,994 3.026,56 3.028,74,930 2.308,995 3.028,73 3.028,73 3.038,995 3.038,	0		1,004,/48	31987904	1.61		3/61	2		
2,374,930 2,374,930 1,565,990 19,086,5	0	241,224		2,378,6	80 0		19/11	SALHON		
2,2974,930 1,866,980 30,266,6 1,866,980 30,266,6 1,866,980 30,266,6 1,866,980 30,266,6 1,866,980 30,266,6 1,866,980 30,686,7 1,866,980 30,686,7 1,866,980 30,686,7 1,866,980 30,686,7 1,866,980 30,686,7 1,866,980 30,686,7 1,866,980 30,880 30,	9 6		215,381	2,319.2			2762	Z M		
2,374,330			4606767	20000	0.0		2016			
2,374,930 35,290 35,240 3,991,3 10,7 3,646 10,7 3,646 10,7 2,700,650 2,806,022 2,806,022 2,806,022 2,806,022 2,806,022 2,806,022 1,220,000 1,220,000 2,565,662 2,806,022 2,565,662 2,806,022 2,565,662 2,806,022 2,565,662 2,806,022 2,666,0			2,290,559	30.254.5	200		4/63			
2, 210, 290 3, 991, 3 10, 7 10, 9 10	- 0	2.374.930	2000	19.734.6	1 M	-		NO		
2,700,550 2,506,902 2,506,902 2,664,7 2,506,902 2,666,002 2,666,002 2,666,002 2,666,002 2,666,002 2,666,002 2,666,002 2,666,002 2,666,002 2,666,003 2,666,00	3 ~	363,290		3.981.3	10.1			∞		
2.760.650 2.760.650 2.666.002 2.666.	2		308,498	3,998.8	12.9		3/64	SALMON		
2,760,650 2,866,402 4,847.2 19.210 19.250,000 939,880 17.8 19.210 19.250,000 939,880 17.8 19.30 18.1- 20.6 50.438.2 19.8 17.8 19.9 18.1- 20.6 50.438.2 19.8 17.8 19.9 18.1- 20.6 50.6 50.6 50.6 50.6 50.6 50.6 50.6 5	2		2,210,298	36,684.7	16.5		49/4			
12,210	m	2,760,650		24,842.8	8.9		12/64			
1,250,100 939,880 1,550,100 939,880 1,575,72 1,5,800 1,75	100		2,868,002	48,847.2	16.7		4/65			
1,250,000 939,080 9,55,662 9,69 18,1- 20.6 3-4/66 COL RIVER 3 2,565,662 50,030.7 9,6 3.3 6 COL RIVER 3 500,000 371.9 0.4 0.3 3/66 OHITILA R 0 500,000 371.9 0.4 0.3 3/66 OHITILA R 0 500,000 371.9 0.4 0.4 0.5 670,000 55,772.4 0.4 0.4 0.5 14,000 55,772.4 0.4 0.3 3/67 COL RIVER 3 14,000 3,003.00 54,560.0 1.4 14,000 54,560.0 1.4 14,000 54,560.0 1.4 19,000 54,560.0 1.4 19,000 54,560.0 1.4 19,000 54,560.0 1.4 10,000 54,600 1.4 10,000 54,600 1.4 10,000 54,600 1.4 10,000 1.4 10,	*			6.64			8/65			
2,565,662 50,88.2 19.8 3.66 COL RIVER 3 3.75 JOHN DAY R D 575,000 670,000 9,669.7 14.7 16.7 16.7 16.7 COL RIVER 3 3.75 JOHN DAY R D 371.9 10.4 16.7 16.7 COL RIVER 3 2.05.500 33.3 16.4 16.5 JOHN DAY R D 3.65.500 33.3 16.4 16.5 JOHN DAY R D 3.65.5 JOHN D 3.65.5 JOHN DAY R D 3.77 L HHT SALHON L D	4.		020	9,858,8	000	10 01				
701.300 705.000 775.000	* -		9339908	En 828 2	0.0					
500.000 775,000 670,000 775,000 670,000 9,869,772 114,8 11	* 10	701.300	200400043	764.4	n.3		3/66	· 04		
775,000 670,000 9,659.7 14,7 4,67 COL RIVER 3 2,978,000 59,772.4 16,7 4,67 COL RIVER 3 2,078,000 59,772.4 16,7 4,67 COL RIVER 3 2,05,500 34,34 0.3 3,767 COL RIVER 3 3,43,4 0.3 3,767 COL RIVER 3 3,43,4 0.3 3,767 COL RIVER 3 2,9,760 707,000 14,578.0 20,6 6,9-9.0 6,9/68 CLICKITAT R 2,9,760 54,550.8 16,1 14,67 COL RIVER 3 4,91,600 64,6,226 14,973.6 23,0 4,68 COL RIVER 3 199,923 33,60.5 19,3 6,9 0.0 6,9/68 CLICKITAT R 2,344,298 44,1114 18,8 16,1-19,7 4-5/69 L WHT SALMON 57,600 12,221.6 24,9 20,0 6,9/70 CLICKITAT R 10,105 11,221.6 24,9 20,0 6,4/70 CLICKITAT R 10,105 11,221.6 24,9 20,0 6,4/70 CLICKITAT R 11,001 2,522.4 65 51,124,9 20,0 6,4/70 CLICKITAT R 11,001 2,522.4 65 51,124,9 20,0 6,4/70 CLICKITAT R 2,970,040 46,107.6 16,107.6 16,107.0 CLICKITAT R 4,771 CLICKI	, in	500,000		172.8	0.3		3/66	02		
2,978,000 9,869,7 14,7 4,67 COL RIVER 3 2,978,000 55,772,4 18,7 4,67 COL RIVER 3 2,550 114,80 114,80 11,40 1	2	775,000		371.9	4.0		2/66	S		
2,978,000 55,772,4 18,7 2,6 18,4 2,67 COL RIVER 3 3,43,6 18,4 6,9 15,618 3,43,6 18,4 6,9 15,618 3,43,6 18,5 18,618 1,786,4 4,99 15,618 1,786,4 4,99 15,619 14,800 54,561,8 18,81 18,	2		670,000	9,869.7	14.7		4/67			
265,500 265,500 343,860 343,860 225,0 343,860 1,786,4 4,99 225,0 1,4,880 225,0 1,4,580 225,0 1,4,580 225,0 1,4,580 225,0 1,4,580 225,0 1,4,580 225,0 1,4,580 225,0 1,4,580 22,465 23,0 24,680 2,18,93,6 24,680 2,18,93,6 24,69 24,70	2		2,978,000	55,772.4	18.7		4/67			
265,500 343.4 915,016 343.4 1,786.4 1,	9	200,800		83.5	* ° C		2/67			
343,600 293,5 14,900 293,5 16,000 293,5 16,000 293,5 29,000 29,760 29,760 29,760 29,760 29,760 29,760 29,760 29,760 29,760 29,760 29,760 29,760 29,760 29,760 29,760 29,800 2	9	265,500		9-4-6	3 0		1917	HOUD K OKE		
14,660	0	34 34 36 3		785.4	0 0		8/67			
29,760 707,000 14,578,0 20,6 3,683,000 54,560,0 18,1 64,61,600 54,560,0 18,1 199,923 3,860,5 19,3 2,344,298 44,111,4 18,8 15,1-19,7 4-5/69 L WHT SALMON 2,57,600 1,088,5 18,8 15,1-19,7 4-5/69 L WHT SALMON 2,552,465 51,124,9 20,0 10,105 10,105 19,2 17,000 2,010 48,107,6 16,1 17,000 49,073,6 13,1 18,1 17,000 683,6 13,1 18,1 17,000 683,6 13,1 18,1 17,000 683,6 13,1 18,1 17,000 683,6 13,1 18,1 17,000 683,6 13,1 18,1 17,000 683,6 13,1 18,1 17,000 683,6 13,1 18,1 17,000 683,6 13,1 18,1 17,000 683,6 13,1 18,1 17,000 683,6 13,1 18,1 17,000 683,6 13,1 18,1 17,1 18,1 18,1 18,1 18,1 18,1 18,1	0 4	2000		225.1	15.1		10/67	NOW		
707,000 14,578,0 20,6 4,68 L MHT SALMON 3,683,000 54,560,8 18,1 20,6 5,9-9,0 8-9,68 COL RIVER 3 3,783,9 7,8 2,6 2,6 6,9-9,0 8-9,68 KLICKITAT R 648,226 14,933,6 23,0 23,0 8-9,68 KLICKITAT R 7,800 1,98,5 19,3 10,1 11,4 18,8 15,1-19,7 4-5,69 L MHT SALMON 2,552,465 51,124,9 20,0 6,77 0 KLICKITAT R 10,105 10,105 11,24,9 20,0 5,70 L MHT SALMON 10,105 11,000 2,552,465 51,124,9 20,0 5,70 L MHT SALMON 10,105 11,000 2,552,465 11,124,9 20,0 5,70 L MHT SALMON 10,105 11,000 48,107,6 16,1 13,1 KLICKITAT R 5,700 4,71 KLICKITAT R 5,700 6,83,6 13,1 13,1 KLICKITAT R 6,77 L MHT SALMON 11,901,739 6,83,6 10,3 11,24,1 KLICKITAT R 1,000 1,	9	29,760		293.5	9.8		10/67	œ		
3,683,000 54,568.8 18.1 4/68 COL RIVER 3 5,783,9 7.6 5.9 9.0 8-9/68 KLICKITAT R 648,226 14,933.6 23.0 4/69 L HHT SALMON 199,923 3,868.5 19.3 15.1-19.7 4-5/69 L HHT SALMON 5,760.8 1,088.5 18.8 15.1-19.7 4-5/69 L HHT SALMON 180,600 2,018.9 20.0 5/70 L HHT SALMON 2,552,465 51,124.9 20.0 5/70 L HHT SALMON 10,185 195.8 19.2 5/70 L HHT SALMON 10,185 195.8 18.1 5/70 KLICKITAT R 17,080 48,187.5 16.1 13.1 L HHT SALMON 683.6 0.3 11-2/71 L HHT SALMON 1,991,739 683.6 0.3 11-2/71 L HHT SALMON 1,991,739 L HHT SALMON 1,991,730 L HHT SAL	9		707,000	14,578.0	28.6		4/68	NOM		
\$\frac{4}{9}\\$600 \text{646}\\$226 \text{14}\\$933.6 23.0 \text{646}\\$23.0 \text{646}\\$24.0 \text{646}\\$25.0 \text{646}\\$24.0 \text{646}\\$24.0 \text{646}\\$24.0 \text{646}\\$24.0 \text{6470}\\$25.465 \text{6470}\\$25.465 \text{6470}\\$25.465 \text{6470}\\$25.2465 \text{6470}\\$25.2465 \text{6470}\\$25.2465 \text{6470}\\$26.0 \text{6470}\\$27.0 \text{6470}\\$27.0 \q	9		3,693,000	54,560.8	100	,				
2,344,296 44,111.4 18.8 15.1-19.7 4-5/69 KLICKITAI R 2,344,296 44,111.4 18.8 15.1-19.7 4-5/69 KLICKITAI R 57,608 1,088.6 18.8 20.0 4/70 KLICKITAI R 100,600 2,018.9 20.0 5/70 VOUNGS BAY O 490,290 12,221.6 24.9 20.0 5/70 L MHT SALHON 2,552,465 51,124.9 20.0 5/70 L MHT SALHON 10,185 195.8 19.2 5/70 L MHT SALHON 2,970,040 48,187.6 18.1 5/70 KLICKITAI R 42,860 563.4 13.1 KLICKITAI R 42,860 683.6 0.3 11-2/71 L MHT SALHON 1,901,739 683.6 0.3 11-2/71 L MHT SALHON	~ 1	491,600	200	3,783,9	9.20	6 .6.		× 2		
2,344,298 44,111.4 18.8 15.1-19.7 4-5/69 LHT SALMON 57,608 12,21.6 24.9 20.0 4/70 KLICKITAT R 100,600 2,018.9 20.0 4/70 KLICKITAT R 100,600 12,221.6 24.9 20.0 5/70 L HHT SALMON 2,552,465 51,124.9 20.0 5/70 L HHT SALMON 10,105 195.8 195.8 195.2 15.1 L HHT SALMON 5/70 LHT SALMON 5/70 LHT SALMON 5/70 LHT SALMON 5/70 CHICKITAT R 17,000 48,107.6 16.1 5/70 LHT SALMON 5/70 LHT SALMON 683.6 0.3 11-2/71 LHT SALMON 683.6 0.3 11-2/71 LHT SALMON 5/70 LHT	- 1		0409660	2 aca 2	200		69/4	200		
57,600 1,088.6 18.8 4/70 KLICKITAT R 100,600 2,018.9 20.0 6/70 VOUNGS BAY O 490,290 12,221.6 24.9 20.0 5/70 L HHT SALHON 2,552,465 51,124.9 20.0 5/70 L HHT SALHON 10,105 195.8 195.8 195.2 5/70 L HHT SALHON 5/70 L HHT SALHON 10,105 195.8 18.1 5/70 KLICKITAT R 5/70 KLICKITAT R 5/70 C 6/70 C 6/70 C 10,105			-	2900000	200	-		N		
2,552,465 51,124.9 20.0 5770 L WHT SALMON 2,552,465 51,124.9 20.0 5770 L WHT SALMON 10,105 10,105 195.8 195.2 195.8 195.2 195.8 195.2 195.8 195.2 195.8 195.2 195.8 195.2 195.8 195.2 195.8 195.2 195.8 195.2 195.8 195.2 195.8 195.2 195.8 195.2 195.8 195.2 195.3 195.2 195.3 195.			2			-		0		
\$ 552,465 51,124.9 20.0 5770 L WHT SALMON 2,552,465 51,124.9 20.0 5770 L WHT SALMON 10,105 195.8 19.2 5770 L WHT SALMON 683.6 13.1 6.1 5770 L WHT SALMON 683.6 13.1 6.1 6.1 5770 L WHT SALMON 683.6 10.3 16.2 771 L WHT SALMON 5770	0 4		100.500	200000	2000		6/70	VOUNES BAY O		
2,552,465 51,124.9 20.0 5770 L WHT SALNON 10,105 195.8 19.2 5770 KLICKITAT R 17,000 338.4 18.1 5770 KLICKITAT R 563.4 13.1 4771 KLICKITAT R 683.5 0.3 1-2771 L WHT SALNON 683.5 0.3 1-2771 L WHT SALNON 10,901,739	0 00		490.290	12,221.6	24.9		5/70			
10,105 195.8 19.2 5/70 KLICKITAT R 17,000 338.4 18.1 5/70 KLICKITAT R 2,970,040 48,107.5 16.1 3/71 L HHT SALHON 42,860 563.4 13.1 4/71 KLICKITAT R 653.5 0.3 1-2/71 L HHT SALHON 683.5 0.3 1-2/71 L HHT SALHON 1.901,739 2.666.57 6.0613.8 16.5				51,124.9	20.0		5/70	NON		
2,970,040 48,197.5 16,1 3/71 L MHT SALMON 42,860 553,4 13,1 4/71 KLICKITAT R 683,5 0.3 1-2/71 L MHT SALMON 50,3 1-2/71 L MHT SALMON 683,5 0.3 1-2/71 L MHT SALMON 683,5 0.3 1-2/71 L MHT SALMON 683,6 0.3 16,5 6.77 1 MT SALMON 683,6 0.3 16,5 6.77 1 MHT SALMON 683,6 0.3 16,5 6.77 1 MT SALMON 683,6 6.77 1 MT SALM				195.8	19.2		5/70			
2,970,040 48,187.5 16,1 3,1 L MHT SALMON 42,860 563,6 13,1 L MHT SALMON 683,6 0,3 1-2/71 L MHT SALMON 683,6 0,3 1-2/71 L MHT SALMON 683,6 15,1 L MHT SALMON 683,6 16,5 6,772 1 MHT SALMON 683,6 6,772 1 MHT SA			17,000	308.4	18.1		5/70	KLICKITAT R		
1,901,739 42,860 563.6 13.1 4/71 KLICKITAT R 683.6 0.3 1-2/71 L WHT SALMON	6			48,197.5	16.1		3/71			
000 000 000 000 000 000 000 000 000 00	6		42,860	553.4	30-		11/4	CALMON		
		1,901,739	2 44.8 577	200	200		1112 -1	SALMON		

TABLE 159. -- CONTINUED.

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

RELEASE	
RELEASE	
RELEASE	L WHT SALMON R L WHT SALMON R L WHT SALMON R L WHT SALMON R
DATE	3/60 3/60 3/61 3/63 3/64
RANGE GRAHI FISH	
AVE. GRAM/ FISH	0 m 0 m
TOTAL HEIGHT (KGS)	2 - 2 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
NUMBER OF MIGRANTS	æ
NUMBER OF SUB- MIGRANTS	23,120 8,624 38,215 48,450
BROOD	1958-59 1961 1961 1962 1963

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

						8)			
## ## ## ## ## ## ## ## ## ## ## ## ##	YEAR	OF SUB-	DF	WETCHT	AVE.	ZANGE	DATE		RELEASE	RELEASE
5.032.000 7.777.000 7.977.619		HIGRANTS	HIGRANTS	(KGS)	FISH	FISH	NELEMBES		COCAL TON	201
7.777.800 7.777.	626	5,832,000		645	4.0		2/60	COL RIVER 3		
3.773.00 3.352.775 7.448.5 2.2 2.6 4-5.62 0.0 EVER 3 3.5 5.7.780.7 3.5 5.7.780.7 3.5 5.7.780.7 3.5 5.7.780.7 3.5 5.7.780.7 3.5 5.7.780.7 3.5 5.7.780.7 3.5 5.7.780.7 3.5 5.7.780.7 3.5 5.7.780.7 3.5 5.7.780.7 3.5 5.7.780.7 3.5 5.7.780.7 3.0 4-6.63 0.0 EVER 3 3.5 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5	959		7,767,360	350	3.7		5/60	COL RIVER 3		
3,773,000 7,917,619 1,995,66 3,195,66 3,195,66 3,195,66 2,195,66 1,010,100 1,010,100 1,010,100 2,010,100 1,010,100 2,010	6		3,352,775	7:418.5	2.2		5/60	HT SALMON		
1,912,619 27,788,7 3,5 5,6 4-5 (5) 5,6 5,6 6		3,773,000		1.494.6	6.3		2/61	SALMON		
19,555,665	096		7,917,619	27,780.7	3.5			RIVER 3		
3,459,565 6,155,5 2,6 1,5- 3,0 4-5,63 COL RIVER 3 2,440,520 6,151,5 2,3 1,5- 2,2 4-5,64 B WHT SALMON 2,221,220 2,221,220 2,440,920 6,151,3 2,5 1,5- 2,2 4-5,64 B WHT SALMON 3,484,020 10,681 10,02,33,7 2,9 1,69- 4-5 56 COL RIVER 3 1,686,020 1,02,67 5,162,28 5,10 1,02,67 1,02,57 1,02,67 1,02,57 1	_		10,925,933	21,788.8	6.1	5- 2	4	COL RIVER 3		
2,221,200 2,446,944 2,529 2,521,520 2,446,944 3,548,529 3,548,539 3,548,549	- (3,545,865	8,825.1	2.4		29/62			
2,201,200 2,446,904 6,150,3 2,446,904 1,816,110 2,201,200 1,816,110 2,446,904 1,816,110 2,446,904 1,816,110 2,446,904 1,816,110 2,446,904 1,816,110 2,446,904 1,816,110 2,446,904 1,816,110 2,446,904 2,416,410 2,416,41			8,486,267	22, 152, 5	2°6	6- 3		COL RIVER 3		
7.467.629 15.720.2 2.1 1.5- 2.2 4-5/64 GD RIVER 3 2.2017409 907.5 0.4 1.5- 2.2 4-5/64 GD RIVER 3 2.2017409 10.6 10.6 1.2 2.4 1.5- 2.2 4-5/64 GD RIVER 3 2.2017409 10.6 10.6 1.2 2.4 1.5- 2.5 4-5/65 GD RIVER 3 3.4184.000 10.6 2.5 2.2 2.4 1.5 4-5/65 GD RIVER 1 1.062.000 10.6 2.5 2.4 1.5 2.4 1.5 4-5/65 GD RIVER 1 1.062.000 10.6 2.5 2.4 1.5 2.4 1.5 4-5/65 GD RIVER 3 1.062.000 10.6 2.4 1.5 2.5 2.5 4-5/65 GD RIVER 3 1.062.000 10.6 2.4 1.5 2.5 2.5 2.4 1.5 2.4 1.6 2.5 1.6 2.4 1.6 2.5	~ .		3,438,295	8,215,5	2.3		6/63			
2,446,914 6,1516.3 2,5 56 6 11 165 11 165 11 14 17 14 11 14 14			7,467,629	15,720,2	2.1	5- 2.		COL RIVER 3		
2,201,200 2,201,200 3,504,455 19,233.7 2,9 3,418,000 2,201,275 2,20,254,337 2,9 3,418,000 1,002,356 2,510,459 1,002,356 2,510,459 1,002,357 2,004 2,002,275	•		2,448,984	6, 150,3	2.5		2/64	×		
		, 20 1 , 20		907.6	9.0		1/65	JOHN DAY R O		
\$ 556.455 9.233.7 2.9		, 81 6, 11		748.9	4.0		1/65	œ		
2.007409 10,680.3 5.3 1.9 4.5 4.5 6.65 8 WHT SALMON			6,554,455	19,233,7	2.9			COL RIVER 3		
8+240,275 28+252-8 1+440,235 3+84-400 3+84-400 3+84-400 3+84-400 3+84-400 3+84-400 1+400,236 1+68-5 10-88-500 1+87-500 1			2,007,409	10,680,3	5.3					
1,062,670			8,240,275	28,252,8	3.4	9 -6				
1,062,679 5,670, 6 6,83 5 6,68 6 6 8 HHT SALMON 1,068,000 6,68 6 0,3			1,400,236	3,366.1	5.4		5/66	0		
3,484,000 1,388.6 0,3 1/67 COL RIVER 3 1,688,000 1,045,000 2,417.6 2.2 2.2 3.6 4/67 B WHT SALHON 1,015,000 1,012,514 33,479.1 4.2 2.1 8.5 3-6/67 COL RIVER 3 1,010,100 1,010,180 5,247.6 0.4 2.6 4/67 B WHT SALHON 1,010,100 1,010,180 5,247.6 0.4 2.6 4/67 COL RIVER 3 1,010,180 5,247.6 35,414.7 3.6 4/67 COL RIVER 3 1,010,180 5,24.9 5.1 1.1 7.0 3-6/6 COL RIVER 3 1,010,180 5,22.8 0.5 1.1 7.0 3-6/6 COL RIVER 3 1,010,180 5,22.8 0.5 1.3 7.0 3-6/6 COL RIVER 3 1,010,180 5,24.9 3.4 5.4 4.7 COL RIVER 3 1,010,180 5,24.9 3.4 5.4 4.7 COL RIVER 3 1,010,180 1.3 1.3 1.3 1.3 1.3 1,010,180 1.3 1.3 1.3 1.3 1,010,180 1.3 1.3 1.3 1,010,180 1.3 1.3 1.3 1,010,180 1.3 1.3 1			1,062,670	5,670.8	5.3		99/9			
1,686,000		3,484,000		1,388.5	0.3		1/67	m		
1,015,000		1,688,000		648.5	0.3		1/67			
1.016.660	2-	1,045,000		907.2	8.0		3/67	0		
\$36,700 \$\begin{array}{c} 9.012.514 & 38.479.1 & 4.2 & 2.1 & 8.5 & 3-6/67 & COL RIVER 3 & 1/68 & COL RIVER 3 & 1/68 & COL RIVER 3 & 1/69.000 & 1.632.4 & 0.7 & 3.9 & 2.3 & 5.6 & COL RIVER 3 & 1.699.640 & 1.610.100 & 35.414.7 & 3.9 & 2.3 & 5.5 & 4-6/68 & COL RIVER 3 & 2.966.100 & 45.622.8 & 4.5 & 1.1 & 7.0 & 3-6/69 & COL RIVER 3 & 2.966.100 & 45.622.8 & 4.5 & 1.3 & 2.70 & COL RIVER 3 & 2.966.100 & 2.936.6 & 0.5 & 1.3 & 7.9 & 3-6/70 & COL RIVER 3 & 2.926.777 & 33.063.8 & 6.5 & 3.0 & 3.0 & 3.5 & 5.72 & COL RIVER 3 & 2.0 & 2.5 & 4-6/69 & COL RIVER 3 & 2.0 & 2.5 & 4-6/69 & COL RIVER 3 & 2.5 &			1,076,660	2,417,6	2.2		19/4			
\$56,700 \$1,651.1			9,012,514	38,479.1	4.2	.1- 8.		RIVER 3		
\$\frac{4.001.00}{1.999.640}\$ \$\frac{1.999.640}{1.999.640}\$ \$\frac{1.999.640}{1.999.640}\$ \$\frac{1.999.640}{1.910.180}\$ \$\frac{1.999.640}{5.216.720}\$ \$\frac{1.999.640}{5.216.720}\$ \$\frac{1.999.640}{5.216.720}\$ \$\frac{1.910.180}{5.244.9}\$ \$\frac{5.216.459}{5.01}\$ \$\frac{1.910.180}{5.244.9}\$ \$\frac{5.216.459}{5.01}\$ \$\frac{1.910.180}{5.244.9}\$ \$\frac{5.216.459}{5.01}\$ \$\frac{5.510.459}{5.01}\$ \$\frac{5.510.450}{5.01}\$ \$\f		536,700		221.4	7.0		1/68	RIVER		
1,999,646 9,830,720 35,414,7 3,9 20,67 1,010,180 5,244,9 5,1 1,010,180 5,244,9 5,1 1,010,180 5,244,9 5,1 1,010,180 5,244,9 5,1 1,010,180 5,244,9 5,1 1,010,180 5,244,9 5,1 1,010,180 5,244,9 1,010,180 5,244,9 5,1 1,010,180 5,244,9 5,1 1,010,180 5,244,9 5,1 1,010,180 5,244,9 5,1 1,010,180 5,244,9 5,1 1,010,180 5,244,9 5,1 1,010,180 5,244,9 5,1 1,010,180 5,244,9 5,1 1,010,180 5,244,9 5,1 1,010,180 5,244,9 5,1 1,010,180 5,244,9 5,1 1,010,180 5,244,9 5,1 1,010,180 5		4.001,100		1,651,1	9.0		2/68	AMETTE R		
9.830.729 35.414.7 3.9 2.3 5.5 4 6/68 COL RIVER 3 208.7 0.4 5.1 0.10.180 5.244.9 5.1 0.4 2.6 5.5 4 6/68 COL RIVER 3 20.966.100 45.622.8 4.5 1.1 7.0 3 6/69 COL RIVER 3 11.022.958 32.869.1 2.9 3 6/70 COL RIVER 3 11.022.958 32.869.1 2.9 3 6/70 COL RIVER 3 11.022.958 32.869.1 2.9 3 6/70 COL RIVER 3 20.236.717 133.060.8 6.5 3.0 8.8 3 5/72 COL RIVER 3 20.236.717 133.060.8 6.5 3.0 8.8 3 5/72 COL RIVER 3 20.236.717 133.060.8 6.5 3.0 8.8 3 5/72 COL RIVER 3 20.236.717 133.060.8 6.8 3.0 8.8 3 5/72 COL RIVER 3 20.236.717 133.060.8 6.8 3 6/72 COL RIVER 3 20.236.717 133.060.8 6.8 3 6/72 COL RIVER 3 3.169.616 12.961.9 6.8 5.1 6.1 6.1 8/75 COL RIVER 3 3.169.610 14.672.4 7.4 7.6 COL RIVER 3 3.169.600 16.524.8 34.3 5/76 COL RIVER 3 4.776 COL RIVER 3		1,999,640		1043204	0.7		3/68	œ		
\$ 5,510,659 \$ SANTIAM R O \$ 2/69 \$ SANTIAM R O \$ 5,510,659 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			9,030,720	35,414.7	3.9	.3- 5.		_		
5,510,459 9,966,100 45,622.8 4,5 12,075,173 54,478.3 4,5 11,022,958 12,075,173 13,066.8 12,075,177 133,066.8 13,05,510,459 15,077,980 15,077,980 15,077,980 15,077,980 15,077,980 15,077,980 15,077,980 15,077,980 15,077,980 15,077,980 15,077,980 15,077,980 15,077,980 15,077,980 15,077,980 15,077,980 15,077,980 15,077,980 15,077,980 15,080,500 15,080,500 15,080,500 15,080,500 15,080,500 15,080,400 16,524.8 16,960,490 16,524.8 16,043,337 16,045,337 16,045,337 16,045,337 16,045,337 16,045,337 16,045,337 16,045,00 16,0524.8 16,0524.8 16,0524.8 16,0524.8 16,0524.8 17,000 18,067 18,07 1		9		208.7	9.0		2/69	SANTIAM R O		
9,966,100 45,622.8 4,5 1.1- 7.0 3-6/69 COL RIVER 3 12,075,173 54,478.3 4,5 1.3- 7.9 3-6/70 COL RIVER 3 11,022,958 32,869.1 2.9 3-6/70 COL RIVER 3 18,390,250 64,226.4 3.4 2.4- 4.2 4-5/72 COL RIVER 3 20,236,717 133,060.8 6.5 3.0- 8.8 3-5/72 COL RIVER 3 16,777,980 87,089.3 5.1 4.1- 10.0 3-5/72 COL RIVER 3 9,716,133 37,464.1 3.8 4.1- 10.0 3-5/75 COL RIVER 3 18,98,516 12,961.9 6.8 5.8 5/75 COL RIVER 3 3,169,187 26,126.9 36.2 5.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6			1,010,180	5,244.9	5.1		5/69	œ		
5,510,459 12,075,173 12,075,173 12,022,958 12,025,958 12,025,958 12,025,958 12,025,958 12,025,958 12,025,958 12,025,958 12,025,958 12,025,958 12,025,958 12,025,958 12,025,958 12,025,958 12,025,77,980 12,026,133 12,026,133 12,026,133 12,026,133 12,026,133 12,026,133 12,026,133 12,026,133 12,026,133 12,026,134 12,026,133 12,026,134 12,026,133 12,026,138 12,036,138 12,036,138 12,036,138 12,036,138 12,036,138 12,036,138 12,036,138 12,036,138 12,036,138 12,036,138 12,036,138 12,036,138 12,036,138 12,036,138 13,036,138 13,036,138 14,038,138 14,038,138 15,036,138 16,036,13			9,966,100	45,622,8	4.5	~				
12.075,173 54,478.3 4.5 1.3- 7.9 3-6/70 COL RIVER 3 1,022,958 32,869.1 2.9 4.71 COL RIVER 3 18.300.250 64,226.4 3.4 2.4- 4.2 4-71 COL RIVER 3 20,236,717 133,060.8 6.5 3.0- 8.8 3-5/73 COL RIVER 3 9,716,133 37,464.0 3.8 3-5/74 COL RIVER 3 9,716,133 37,464.0 3.8 3-5/74 COL RIVER 3 66,321.6 7.9 6.8 4/75 COL RIVER 3 66,321.6 12,961.9 6.8 5/75 COL RIVER 3 5/75 COL RIVER 3 5/75 COL RIVER 3 5/75 COL RIVER 3 3,167,266 19,050.9 6.8 8.2 5/76 COL RIVER 3 3,169,400 14,672.4 7.4		510,45		2,936,5	0.5		2/70	RIVER		
			12,075,173	540478.3	4.5	3- 7.				
18.390,250 64,226.4 3.4 2.4- 4.2 4-5/72 COL RIVER 3 20,236,717 133,060.8 6.5 3.0- 8.8 3-5/73 COL RIVER 3 16.777,980 87,089.3 5.1 4.1- 10.0 3-5/74 COL RIVER 3 8,358,296 66,321.6 7.9 6.8 5/75 COL RIVER 3 18,898,616 12,986.9 36.2 5/75 GOL RIVER 3 10,288,369 40,466.1 3.9 6.8 8/76 COL RIVER 3 3,167,266 19,050.9 6.0 8.2 5/76 COL RIVER 3 3,169,187 26,126.9 8.2 5/76 GOL RIVER 3 1,960,400 14,672.4 7.4 7.4 5/76 COL RIVER 3 4,46,337 22,494.6 50.3 9/76 COL RIVER 3			11,022,958	32,869,1	2.9		12/4			
20,236,717 133,050.8 6.5 3.0- 8.8 3-5/73 COL RIVER 3 16,777,980 87,089.3 5.1 4.1-10.0 3-5/74 COL RIVER 3 9,716,133 37,464.1 3.8 4.1-10.0 3-5/74 COL RIVER 3 18,358,296 66,321.6 7.9 6.8 5/75 COL RIVER 3 18,898,616 12,961.9 6.8 5/75 B WHT SALHON 10,280,337 22,494.6 50.3 34.3 8/76 COL RIVER 3 4,76 COL RIVER 3 4,776 COL RIVER 3 5,169,187 26 19,050.9 8.2 5/76 B WHT SALHON 480,490 16,524.8 34.3 8/76 COL RIVER 3 4,46,337 22,494.6 50.3 9/76 COL RIVER 3			18,390,250	64,226.4	3.4	+ + +				
16,777,980 87,089.3 5.1 4.1-10.0 3-5/74 COL RIVER 3 9,715,133 37,454.0 3.8 4.75 GOL RIVER 3 8,358,296 66,321.6 7.9 6.8 5/75 GOL RIVER 3 1,898,616 12,961.9 6.8 5/75 GOL RIVER 3 10,288,369 40,464.1 3.9 6.8 5/75 GOL RIVER 3 3,169,187 26,126.9 8.2 5/76 GOL RIVER 3 1,960,400 14,672.4 7.4 7.4 5/76 GOL RIVER 3 4,76 GOL RIVER 3 4,76 GOL RIVER 3 4,76 GOL RIVER 3 4,76 GOL RIVER 3 4,60,490 16,524.8 34.3 8/76 GOL RIVER 3 4,46,337 22,494.6 50.3 9/76 GOL RIVER 3			20,236,717	133,060.8	6.5	9 - 0				
9,716,133 37,464.0 3.8 4,775 GOL RIVER 3 1,898,616 12,961.9 6.8 5,775 GOL RIVER 3 1,898,616 12,961.9 36.2 5,775 GOL RIVER 3 10,288,369 40,464.1 3.9 6.8 6.1 8,776 GOL RIVER 3 3,169,187 26,126.9 8.2 5,776 GOL RIVER 3 1,960,400 14,672.4 7.4 7.4 5,776 GOL RIVER 3 4,776 GOL RIVER 3 4,76 GOL RIVER 3 4,60,490 16,524.8 34.3 8,76 GOL RIVER 3 4,46,337 22,494.6 50.3 9,76 GOL RIVER 3			16,777,980	87,089.3	5.1	- 10				
8,358,296 66,321.6 7.9 5/75 COL RIVER 3 1,898,616 12,961.9 6.8 5/75 B WHT SALNON 960,600 35,588.9 36.2 6/75 COL RIVER 3 10,288,369 40,464.1 3.9 6.0 6.0 RIVER 3 3,167,266 19,050.9 6.0 6.0 6.0 RIVER 3 3,169,187 26,126.9 8.2 5/76 COL RIVER 3 1,960,400 14,672.4 7.4 5/76 GOL RIVER 3 446,337 22,494.6 50.3 9/76 COL RIVER 3			9,716,133	37,464.1	3.8		4/15			
,898,616 12,951.9 6.8 5/75 B WHT SALMON 980,600 35,586.9 36.2 8/75 COL RIVER 3 10,288,369 40,464.1 3.9 5/76 COL RIVER 3 3,167,266 19,050.9 6.0 6.0 4/76 COL RIVER 3 5/76 COL R			8,358,296	66,321,5	7.9		5/15	RIVER		
960,600 35,586,9 36,2 8/75 COL RIVER 3 3/76 COL RIVER 3 3/167,266 19,050,9 6,0 4/76 COL RIVER 3 3,169,187 26,126,9 8,2 5/76 COL RIVER 3 5/169,400 14,672,4 7,4 5/76 COL RIVER 3 4,60,490 16,524,8 34,3 8/76 COL RIVER 3 4,66,337 22,494,6 50,3 9/76 COL RIVER 3	To:		1,898,616	12,961.9	6.8		5175	T SALMON		
10,288,369			980,600	35,588.9	36.2		8/75	RIVER 3		
3,167,266 19,050.9 6.8 4/76 COL RIVER 3 3,169,187 26,126.9 8.2 5/76 COL RIVER 3 1,960,400 14,672.4 7.4 5/76 B WHT SALMON 480,490 16,524.8 34.3 8/76 COL RIVER 3 446,337 22,494.6 50.3 9/76 COL RIVER 3			10,288,369	40,464.1	3.9		3/76	RIVER		
3,169,187 26,126,9 8,2 5/76 COL RIVER 3 1,960,400 14,672,4 7,4 5/76 B HHT SALHON 480,490 16,524,8 34,3 8/76 COL RIVER 3 446,337 22,494,6 50,3 9/76 COL RIVER 3			3, 167, 266	19,050.9	6.8		4/76			
1,960,400 14,672,4 7.4 5/76 B HHT SALHON 480,490 16,524.8 34.3 8/76 COL RIVER 3 446,337 22,494.6 50.3 9/76 COL RIVER 3			3, 169, 187	26,126,9	8.2		5/76	RIVER		
480,490 16,524.8 34.3 8/76 GOL RIVER 3 446,337 22,494.6 50.3 9/76 GOL RIVER 3			1,960,400	14,672.4	7.4		5/76	HT SALMON		
446,337 22,494.6 50.3 9/76 COL RIVER			480,490	6,524.	34.3		8/76	RIVER 3		
			446,337	2,494.	50.3		9116	RIVER		

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

		KELEASE	ACLEASE OF BONG SALHON.	2000					
BROOD	NUMBER OF SUB-	NUMBER	TOTAL	GRAM!	RANGE	DATE	RELEASE	RELEASE LOCATION	LOCATION
	MIGRANTS	MIGRANTS	(KGS)	FISH	FISH				
	114,959		1,409.3	12.2		19/1	1/61 B WHT SALMON R		
	0	•	-						
		257,594	5,077.5	19.7		1/63	1/63 B WHT SALMON R		
1962-68	0	0	0						
		991,218	14,050.0	1401		12/1	1/71 B WHT SALMON R		
12-	0	0							
		359,700	16,650.8			10/73	B WHT SALMON R		
		333,762	10,121.0	30.3		1774	1/74 B WHT SALMON R		
		42.196	888.6	21.0		8/75	B WHT SALMON R		

TABLE 163.--COLUMBIA BASIN- WASHINGTON COWLITZ SALMON MATCHERY - WASHINGTON DEPARTMENT OF FISH RELEASE OF- FALL CHINOOK SALMON.

94000 NUMBER NUMBER TOTAL AVE.* RANGE DATE RELEASE RELEASE 96 NIGANIS FISH FISH FISH FISH FISH PRECEASE 967 S.5545.976 17.945.5 3.2 5.6 COLLITZ R LOCATION LOCATION 968 114.336 3.2239.6 5.2 5.6 COLLITZ R LOCATION LOCATION 968 114.336 3.2239.6 5.2 5.6 COLLITZ R COLLITZ R COLLITZ R 969 5.618.155 2.8.396.6 5.2 3.5 6.7 COLLITZ R COL									
66 - 5,545,976	AR	NUMBER OF SCB=		TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	FRANCE	DATE	RELEASE	RELEASE
5,545,976 17,945.5 3.2 4,199,374 22,239.6 5.2 114,336 3,241.4 28.3 13.5 5.7 6-7/69 114,336 28,953.2 5.1 3.5 5.7 6/70 2,855.3 10.4 2.2 3.6 5.7 6/70 3,246,100 5,614,860 16,916.7 3.0 6-7/69 4,462,189 23,284.7 5.2 4,8 6-11/72 86,019 7,473.4 19.8 9.4-34.8 8-11/72 86,019 7,473.4 19.8 85.5 6.4 6.7 2 2,73 462.2 0.4 34.8 8-11/72 86,019 7,32,191.9 5.8 4.9-8.2 6/73 51,000 5,359,640 29,851.9 5.6 4.5-7.0 6-7/74 51,000 5,369,640 29,851.9 5.1 4.9-5.3 6/76	9 6 6								
6,317,000 5,618,155 28,953.2 5,1 3,246,000 5,618,155 28,953.2 5,1 3,246,000 5,614,860 16,916,7 500,500 5,527,779 51,000 5,367,62 5,100 5,367,762 5,100 5,369,640 5,369,659,650 5,369,640 5	2		5.545.976	17.945.5	3.2		5/68		
6,317,000 5,618,155 28,953.2 5,1 3,246,000 5,614,860 1,472.4 1,472.4 1,120,900 5,527,779 51,000 5,315,640 5,315,762 51,000 5,315,762 51,000 5,324,640 5,324,640 5,324,640 5,324,640 5,324,640 5,324,640 5,324,640 5,324,640 5,324,640 5,324,640 5,324,640 5,324,640 5,3259,640 5,321,000 5,3259,640 5,321,000 5,3259,640 5,3250,640 5,3259,640 5,3250,640 5,3259,640 5,3250	. «		4.199.374	22,239,6	5.2				
6,317,000 5,618,155 28,963.2 6,317,000 5,604,860 16,916.7 3,246,000 4,462,189 23,284.7 5,2 4,8 5,6 7,8 6,1 1,2 0,9 0 1,120,900 5,527,779 32,191.9 5,00,500 5,316,861 33,393.9 5,6 4,5 5 7.0 6,75 5,807,762 29,816.9 5,1 0.4 5,807,762 29,816.9 5,1 4,9 5,3 6,76 6,776 5,807,762 29,816.9 5,1 4,9 5,3 6,76 6,776	. 60		114,336	3,241.4	28.3		-		
6,317,000 5,604,860 16,916,7 3,0 2,2- 3.6 5-6/71 3,246,000 4,462,189 23,284,7 5,2 4,8- 5.4 6/72 3,246,000 4,462,189 23,284,7 5,2 4,8- 5.4 6/72 3,50,500 5,527,779 32,191,9 5,8 4,9- 8,2 6/73 51,000 5,329,640 29,850,9 5,5 4,9- 5,3 6/76 5,807,762 29,805,9 5,1 4,9- 5,3 6/76	6		5,618,155	28,953.2	5.1	3.5- 5			
3,246,000 5,604,860 16,916,7 3,0 2,2- 3,6 5-6/71 3,246,000 4,462,189 23,284,7 5,2 4,8- 5,4 6/72 376,798 7,473,4 19,8 9,4- 34,8 8-11/72 86,019 7,351,8 85,5 9,4- 34,8 8-11/72 1,120,900 5,527,779 32,191,9 5,8 4,9- 8,2 6/73 51,000 5,369,640 29,850,9 5,5 4,5- 7,0 6-7/74 51,000 5,369,640 29,850,9 5,1 4,9- 5,3 6/76		6.317.000		2,865,3	4.0		5		
3,246,000 4,462,189 23,284,7 5,2 4,8- 5,4 6/72 376,796 7,473,4 19.8 9,4- 34,8 8-11/72 86,019 7,351,8 85,5 9,4- 34,8 8-11/72 1,120,900 5,527,779 32,191,9 5,8 4,9- 8,2 6/73 51,000 5,369,640 29,850,9 5,5 4,5- 7,0 6- 7/74 51,000 5,369,640 29,850,9 5,1 4,9- 5,3 6/76			5,604,860	16,916,7	3.0	2.2- 3	2-		
1,120,900 5,527,779 73,191,9 5,8 6,9 6,73 6,73 1,120,900 5,916,881 33,393,9 5,6 4,55 7,0 6,73 51,000 5,359,640 29,850,9 5,1 4,9-5,3 6,76 5,807,776 29,805,9 5,1 4,9-5,3 6,76	-	3,246,000		1047204	0.4		-		
376,796 7,473,4 19.8 9,4-34,8 8-11/72 86,019 7,351,8 85,5 9,4-34,8 8-11/72 1,120,900 5,527,779 32,191,9 5,8 4,9-8,2 6/73 500,500 5,916,881 33,93,9 5,6 4,5-7,0 6-7/74 51,000 5,369,640 29,850,9 5,5 4,9-5,3 6/76			4,462,189	23,284.7	5.2	1000			
1,120,900			376,798	7947304	19.8	9.6- 34	-80		
1, 120, 900 5, 527, 779 32, 191, 9 5, 86, 861 33, 393, 9 5, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6,	_		86,019	7,351.8	85.5				
5,527,779 32,191,9 5,8 4,9-8,2 6/73 216,4 0,4 4,5-7,0 2/74 51,000 5,916,881 33,393,9 5,6 4,5-7,0 6-7/74 51,000 5,369,640 29,850,9 5,5 6,75 5,807,762 29,816,9 5,1 4,9-5,3 6/76	~	1,120,900		452.2	4.0		2-2		
510,500 5.916,881 33,393,9 5.6 4.5- 7.0 6-7/74 51,000 5,369,640 29,850,9 5.5 4.9-5.3 6/76 5,807,762 29,816,9 5.1 4.9-5.3 6/76	2		5,527,779	32,191,9	5.8	6 .9 · B			
51,000 5,916,881 33,393,9 5.6 4.5- 7.0 6-7/74 51,000 5,369,640 29,850,9 5,5 4.9- 5.3 6/76 5,807,762 29,816,9 5,1 4.9- 5.3 6/76	m	500,500		23 5.4	9.0				
51,000 5,369,640 29,850,9 5,5 6,75 5,807,762 29,816,9 5,1 4,9- 5,3 6,76	M		5,916,881	33,393,9	5.6	4.5- 7	9		
5,867,8762 29,816,9 5,1 4,9- 5,3 6/76	*	51,000		23.1	4.0				
5,807,762 29,815,9 5,1 4,9- 5,3 6/76	*		5,369,640	29,850.9	5.5				
	L		5,807,762	29,886.9	5.1	4.9. 5			

TABLE 164.--COLUMBIA BASIN- MASHINGTON COMLITZ SALMON HATCHERY - MASHINGTON DEPARTMENT OF FISH RELEASE OF- SPRING CHINOOK SALMON.

BROOD	NUMBER OF SIR-	NUMBER	TOTAL	AVE.	S S S S S S S S S S S S S S S S S S S	DATE	RELEASE	RELEASE	RELEASE
	MIGRANTS	MIGRANTS	(KGS)	FISH	FISH	VELENSES.			NO.
1958-66	•	•							
1961	631,295		8, 181.4	12.9		7/68	COWLITZ R		
1961		990,786	60,753,7	61.3		1- 4/69	COWLITZ R		
1968		604,602	31,416.3	51.9		10/69	CONLITZ R		
1968		1,334,243	67,068.5	50.5		1- 3/70	COMLITZ R		
6961		2,407,280	122,054,9	50.7	23.5- 90.7	7- 9/70	CONLITZ R		
1969		462,972	52,500.1	113.3		3/71	CONLITZ R		
0 161		2,297,402	46,237.4	20.1		12/8	CONLITZ R		
1970		404 196	49,398,9	51.3	41.2- 56.6	11/11	CONLITZ R		
1970		972,181	87,406,3	89.9		2172	CONLITZ R		
1 261	3,784,060		1,560.4	4.0		1/72	TOUTLE R		
1 261	2,212,100		912.2	0.4		1172	TOUTLE R		
1 261		1,094,200	34,619.1	31.6	25.5- 45.3	9172	COHLITZ R		
1 26 1		1,562,700	86,496.4	55.3	41.2- 64.7	11172	COMLITZ R		
1 26 1		614,969	78,326,3	112.4	90.7-151.1	2- 5/73	CONLITZ R		
1972		653,778	36,092.8	55.2	53.3- 93.7	10-12/73	COWLITZ R		
1972		1,011,763	95,986,1	94.8	64.7-151.1	1- 3/74	COMLITZ R		
1973	1,292,400		488.5	0.3		11-12/73	CONLITZ R		
1973		997,756	117,836.9	118.1		2- 4/75	COMLITZ R		
1973		1,234,838	44,778.2	36.2		7-12/74	COWLITZ R	TOUTLE R	
1 4 16 1	2,818,800		1,137,6	7.0		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	CONLITZ R		
1974		910,576	78,497.8	86.2		1- 3/76	CONLITZ R		
1975	4,030,400		1,664.2	4.0		11-12/75	COMLITZ R	TOUTLE R	
1975	1,580,928		22,001.5	13.9	6.7- 23.8	5- 9/76	COMLITZ R		
1975		245,864	13,940.3	56.6		12/76	CONLITZ R		

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

PEAR	NUMBER OF SUB-	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	ZANGE GRAM/ FISH	DATE RELEASES	RELEASE	RELEASE LOCATION	RELEASE
1958-66		4	•						
1967		6.543.590	173,785.7	26.5		69/4	COMLITZ R		
96.8	4.199.374		22,239,6	5.2	4.1 - 6.4	69/1 -9	CONLITZ R		
1968		114,336	3,241.4	28.3		10/69	COWLITZ R		
896		4.568.857	125,721,3	27.5		4- 5/70	COMLITZ R		
1969		3.186.619	4°060°66	31.0	26.6- 37.7	12/4	COMLITZ R		
0261	301.600		115.2	0.3		4- 5/71	COL RIVER 2		
0 26 1	2.078.700		725.3	E . 0		- 4	COMLITZ R		
070	522.763		975.2	000	1.5- 2.6		COL RIVER 2		
0.26	144.000		204.1	4.			COWLITZ R		
0.261		4.412.831	146,696.3	33.2	30.2- 37.7		COMLITZ R		
1451	9.522.400		3,082,6	0.3		5-	COMLITZ R		
1 261	1.664.277		5,611.4	3.3		8/72	CONLITZ R		
1 261		3.838.031	100,759.5	33.2		5/73	COMLITZ R		
1972	2.703.690		12,936.1	10-4	3.5- 12.2	7- 8/73	COMLITZ R		
1972		3.465.883	111,940.2	32.2		9114	CONLITZ R		
1973	2.787.000		842.8	8.3		3- 5/74	COMLITZ R	TOUTLE R	
1973	3.736.921		16,112,1	4.3		9774	COMLITZ R	TOUTLE R	
1973		3,530,537	125,751.2	35.6		4- 5/75	COMLITZ R	TOUTLE R	
7 26 1	472,500		142.9	0.3		4115	COMLITZ R		
14761	2.163.548		10,146,1	4.6	4.3- 4.9	7- 8/75	COMLITZ R		
4 26 1		3,525,150	106,598.7	30.2		5/16	COMLITZ R		
1975	2,151,564		10,913,9	5.0	2.9- 5.3	8/76	COMLITZ R		

TABLE 166.--COLUMBIA BASIN- MASHINGTON ELOKOMIN HATCHERF RELEASE OF- FALL CHINOOK SALMON.

BROOD	NUMBER	NUMBER	TOTAL	AVE.	RANGE	DATE	RELEASE	RELEASE	RELEASE
YEAR	OF SUB-	MIGRANTS	WEIGHT (KGS)	FISH	FISH	RELEASES	LOCATION	LOCALTON	LOCALTON
0		2.518.585	5.430.9	2.1		5- 6/60	ELOKOMIN R		
0 10		535.782	923.1	1.7	6.1 -9	4/60	GRAYS R		
96.0		927.455	2.825.4	3.0	2.8- 3.3	4- 5/61	ELOKOMIN R		
1 90		1.575.000	3.694.	2.3		5/62	ELOKOMIN R		
200		2.391.219	5.269.4	2.2		5/63	ELOKOMIN R		
2 200		2.383.919	5.980.6	2.5	2.1- 2.8	5/64	ELOKOMIN R		
4 4 4		2.069.739	7.017.5	3.3	201- 403	5/65	ELOKOMIN R		
965		3.065.397	7.691.6	2.5		9-9/9-5	ELOKOMIN R		
96.5	1.545.855		545.7	0.3		1/67	ELOKOMIN R		
966		2,598,012	10,207.2	3.9		29/9	ELOKOMIN R		
296		2.080.267	8,586,5	4.1		5/68	ELOKOMIN R		
968		2,261,052	9,889,8	4.3		69/5	ELOKOMIN R		
849		1.920.109	9.530.8	6.4		5/70	ELOKOMIN R		
026		3.221.850	9,368.0	2.9	2.1- 3.4	4- 5/71	ELOKOMIN R		
07.1	23.8.095		194.6	80.0		3/72	ELOKOHIN R		
146		3.076.734	13,350.1	40.3	1.9- 4.9	4- 5/72	ELOKOMIN R		
126		101,175	3,059,5	30.2		8/72	ELOKOMIN R		
972		3.555.440	16,456.3	4.6		6/73	ELOKOMIN R		
972		94.088	4.589.0	48.7		8/73	ELOKOMIN R		
973	210.456		215.1	-		3/74	ELOKOMIN R		
973		2.857.666	13.140.1	4.5	1.5- 5.7	4- 8/74	ELOKOMIN R		
27.2		226.588	8.783.4	38.7	30.2- 64.7	11/74	ELOKOMIN R		
974		2,763,795	14.033.7	5.0	4.7- 11.9	6- 7/75	ELOKOMIN R		
974		36.86	3.945.8	29.5		8/75	ELOKOMIN R		
975		2,768,055	10,296.8	3.7	2.4- 4.5	5- 6/76	ELOKOMIN R		

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

NUMBER N			RELEASE	0F- COM0	SALMON.					
45,500 1-15,975 1-2,6 1-4,6 1-2,5 1-4,6 ELOCOMIN R 1-15,975 1-4,675 1-4,675 1-4,675 1-4,675 1-4,675 1-4,675 1-4,675 1-4,675 1-4,675 1-4,675 1-4,675 1-4,675 1-4,775	BROOD	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT	AVE. GRAH/ FISH	GRANCE	DATE	RELEASE	RELEASE	RELEASE
#55.50	5. A. C.		41.607		3 71	2	1000			
45,500 99.600 1.36.7 9.3 1.5 1.5 1.5 1.6 ELOKOHIN R P. 5.5.00 99.600 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	250		Tan aou		0 11	2		ELUKUMIN K		
45,500 1916-9946 1176-2 12.9 11.05 11.05 11.05 18.4 11.05 11.05 18.7 11.05 18.7 11.05 18.7 11.05 18.7 11.05 18.7 11.05 18.7 11.05 18.7 11.05 18.7 11.05 18.7 11.05 18.7 11.05 18.7 11.05 18.7 11.05 18.7 11.05 18.7 11.05 18.7 11.05 18.7 11.05 18.7 11.05 18.7 11.05 18.7 18.7 11.05 18.7 18.7 18.7 18.7 18.7 18.7 18.7 18.7	200		000			2 0		ELUKUMIN K		
#55-500 #56-50	360		233.194		7.5	2 6	10/63	1		
45.500 1.156.977 11.96.4 4.9 6.9 14.1 1 16.2 ELOKOHIN R B B5.749 15.726.4 9.8 6.9 14.1 1 1.36 ELOKOHIN R B B5.749 15.726.4 9.8 6.9 14.1 1 1.36 ELOKOHIN R B B5.749 15.726.4 10.0 1.2 16.7 16.12 16.12	960		90.846		0.0	0	2011			
1-15-6-975 1-1-7-6-4 9-1-6-1-6-1-7-6-1-6-1-7-6-1-6-1-7-6-1-6-1	196	45,500			400		11/62	FLOKOMIN P		
276,274 (236,916) 17,16,2 19,5 16,7 21,5 1-4/64 ELOKOMIN R 19,5 16,7 21,5 1-4/65 ELOKOMIN R 18,19 16,4 36,5 16,19 16,7 21,5 1-4/65 ELOKOMIN R 18,19 16,4 16,5 16,5 16,5 16,5 16,5 16,5 16,5 16,5	196		-	11,426.4	9.6			ELOKOMIN R		
276,085	962		805,749	15,720.2	19.5			ELOKOMIN R		
### 1945.850 17,614.2 18.1 4-65 ELOKOMIN R 19,514.3 19.1 4-5/65 ELOKOMIN R 19,519.3 19.1 4-5/65 ELOKOMIN R 19,519.3 19.1 4-5/65 ELOKOMIN R 19,289,434 25,153.5 26,2 23.8 - 30.2 3/66 ELOKOMIN R 19,289,434 25,153.5 26,2 23.8 - 30.2 3/66 ELOKOMIN R 27,656 ELOKOMIN R 27,756 ELOKOMIN	963		264,308	3,299,9	12.4			ELOKOMIN R		
#74,274 236,063 5,619-6 25.2 1.9 4-5/65 ELOKOMIN R 16,196 5,619-6 25.2 2 3.6 2 3.6 2 3.6 COL RIVER I 16,196 6,666 24,994-5 25.1 2-3/66 ELOKOMIN R 16,666 24,994-5 29.4 4.6 ELOKOMIN R 276,666 24,994-5 29.4 4.6 ELOKOMIN R 2,66 ELOKOMIN R 2,60 ELOKOMIN R 2,6	963		945,850	17,161.2	18.1		4/65	ELOKOMIN R		
19,100 1	364	4749274		945.3	1.9					
18,434 94 458.6 25,2 23,8 30,2 3/6 COL RIVER 1 1 1 1 1 1 1 1 1	964		236,063		23.8	50				
1,280,862 1,459,662 23.8 - 30.2 4,66 ELOKOMIN R 4,666 68 24,994,52 29,4 4,656 ELOKOMIN R 4,666 ELOKOMIN R 4,666 ELOKOMIN R 4,666 ELOKOMIN R 4,669 ELOKOMIN R 2,666 ELOKOMIN R 2,666 ELOKOMIN R 2,611,760 1,934,842 56,732,6 59,3 26,56 - 30,2 2,771 ELOKOMIN R 2,772	496		18,198	458°5	25.2			COL RIVER 1		
1,28,662 18,695,3 14,5 12,66 ELOKOMIN R 276,085 24,694,5 29,44 2,468 ELOKOMIN R 276,085 276,568 24,694,5 29,44 2,468 ELOKOMIN R 276,5695 276,514,9 28,3 26,5 20,5 270,514,9 28,3 25,5 29,3 26,5 270,514,9 29,500 1,934,904 53,515 29,500 1,944,904 53,514 20,5 25,1 28,3 4,77 ELOKOMIN R 296,700 1,944,904 53,514 10,4 27,5 28,14 20,5 29,7 20,14 20,1	496		933,434	25,153,5	26.9		4/66			
276,085	365		1,288,862		14.5		12/66			
276,085 276,085 1,055,085 276,085 276,085 1,095,080 1,094,0904 277,090 1,094,0904 278,090 278,000 27	996		846,668	-	29.4		4/68			
970,550 27,514,9 28,3 4/69 ELOKOMIN R 251,710 1,956,805 53,515,3 26,6 30,2 4/71 ELOKOMIN R 251,710 1,934,842 56,732,6 29,3 26,6 30,2 4/71 ELOKOMIN R 234,1 0.4 2771 ELOKOMIN R 234,1 0.4 2771 ELOKOMIN R 234,1 0.4 2771 ELOKOMIN R 2771 ELOKOMIN R 2771 ELOKOMIN R 2772 ELOKOMIN R 2772 ELOKOMIN R 296,900 1,944,904 53,558,4 0.4 296,700 1,467,624 4,372,2 29,7 28,3 37,2 ELOKOMIN R 296,700 1,467,624 4,456,53 29,9 28,3 37,2 ELOKOMIN R 296,700 1,467,624 4,456,53 20,5 28,3 37,2 ELOKOMIN R 296,700 1,467,624 4,456,53 29,3 28,3 37,2 ELOKOMIN R 296,700 1,467,624 4,456,53 29,3 28,3 37,2 ELOKOMIN R 296,700 1,467,624 4,456,53 20,5 28,3 37,2 ELOKOMIN R ELOKOMIN R 296,700 1,467,624 4,46,910 29,9 28,3 30,2 34,8 4,575 ELOKOMIN R 2,400,1 2,400,1 5,776 ELOKOMIN R 2,776 ELOKOMIN R	1961	276,085			4.0		2/68			
532,710	367		970,560		28.3		69/4	ELOKOMIN R		
532,710 532,710 1,934,842 56,732,6 29,3 26,6-30,2 4,71 ELOKOMIN R 234,0 1,534,0 1,534,0 1,534,0 1,534,0 1,534,0 1,534,0 1,534,0 1,534,0 1,534,0 1,534,0 1,544,9 1,524,0 1,544,9 1,544,	368		1,856,805		28.8		01/4	ELOKOMIN R		
1,934,842 56,732.6 29.3 26.5-30.2 4,71 ELOKOMIN R 1,238,740 539.8 0.4 2.71 ELOKOMIN R 1,938,740 132.4 1.2 2.71 ELOKOMIN R 1,936,640 132.4 1.2 2.71 ELOKOMIN R 1,944,904 53,558.8 27.5 2.5.1-28.3 4,72 ELOKOMIN R 1,944,904 1,458,020 43,372.5 29.7 28.3-34.8 4,73 ELOKOMIN R 1,487,624 44,563.6 29.9 28.3-34.8 4,575 ELOKOMIN R 1,944,904 1,944,904 2,408.1 2	969	532,710		251.7	4.0					
1,26,740 539.8 0.4 2.77 COL RIVER 1.256.540 1.32.4 1.6.2 1.2 4.77 COL RIVER 1.32.4 1.6.2 4.77 COL RIVER 1.32.4 1.6.4 1.36.1 0.4 1.36.1 0.4 1.37 COL RIVER 1.4.7 COL RIVER 1.6.4 COL	969		1,934,842	56,732,6	29.3		1111			
1,238,740	37.0	201,760		80	4.0		2/71	COL RIVER !		
536,640	970	1,238,740		539.8	9.0		17/2	ELOKOMIN R		
109,500	970	536,640		234.1	7.0		2/71	COL RIVER !		
109.500 109.50	37.0	103,500		132.4	1.2		12/4	COL RIVER I		
199,500 1,944,904 53,558.6 27.5 29.1-28.3 4,72 ELOKOMIN R 136.1 0.4 136.1 0.4 197,835 1,458,020 43,372.5 29.7 28.3-30.2 4,73 ELOKOMIN R 544.3 0.5 1,487,624 44,563.6 29.9 28.3-34.8 1,949,910 1,841,803 57,721.4 2,408.1 5,448.655 52,056.5 31.0 1,944,904 1,944,944 1,944,944 1,944,944 1,944,944 1,944,944 1,944,944 1,944,944 1,944,944 1,944,944 1,944,944 1,944,944 1,944,944 1,944,944 1,944	970	109,500		132.4	1.2		12/4	ELOKOMIN R		
96,900 1,944,904 53,558.8 27.5 25.1-28.3 4/72 ELOKOMIN R 136.1 0.4 136.1 0.4 3/72 ELOKOMIN R 144.2 0.4 136.1 0.4 17.2 ELOKOMIN R 144.2 0.7 144.2 0.7 14.72 ELOKOMIN R 14.72 ELOKOMIN R 14.73 ELOK	976	109,500		132.4	1.2		12/5	COL RIVER !		
98,900 136,1 0.4 197,835 1,458,020 43,372,5 29,7 28,3-30,2 4/72 ELOKOMIN R 1,487,624 44,563.6 29,9 28,3-34,8 5/74 ELOKOMIN R 1,949,910 1,941,803 57,721,4 31,3 30,2-34,8 4-5/75 ELOKOMIN R 772,039 2,408,1 5,4 4,1-14,1 9-11/75 COL RIVER I ELOKOMIN R 5,408,1 5,408,1 5,4 4,1-14,1 9-11/75 COL RIVER I ELOKOMIN R 5,408,1 5,74,855 52,056,5 31,0 5/76 ELOKOMIN R	970		10844661	123	27.5	- 28.	4/72	ELOKOMIN R		
296,700 136,1 0.4 3/72 COL RIVER 144,2 0.7 197,835 1458,020 43,372,5 29,7 28,3-30,2 4/72 ELOKOMIN R 544,3 372,5 29,7 28,3-31,0 27,73 ELOKOMIN R 544,553,6 29,9 28,3-34,8 5/74 ELOKOMIN R 6RAYS 149,910 1,841,803 57,721,4 31,3 30,2-34,8 4-5/75 ELOKOMIN R 583,8 0,7 504,8175 COL RIVER ELOKOMIN R 583,8 0,7 504,8175 COL RIVER ELOKOMIN R 5,408,1 5,408,1 5,4 4,1-14,1 9-11/75 COL RIVER ELOKOMIN R 5,074,855 52,056,5 31,0 5/76 ELOKOMIN R	37.1	98,900		45.4	4.0		3/72	ELOKOMIN R		
197,835	37.1	296,700		136.1	4.0		3/72	COL RIVER 1		
1,458,020	371	197,835		144.2	0.7		4/72	ELOKOMIN R		
995,800 1,487,624 44,563.6 29.9 28.3-34.8 5/74 ELOKOMIN R GRAYS 149,910 86.2 0.5 8.2-34.8 4-5/75 ELOKOMIN R 1,841,803 57,721.4 31.3 30.2-34.8 4-5/75 ELOKOMIN R 583.8 0.7 2.408.1 5.4 4.1-14.1 9-11/75 COL RIVER I ELOKOMIN R 5,674,855 52,056.5 31.0 5/76 ELOKOMIN R	176		1,458,020	43,372.5	29.7	.3- 30.	4/13			
149,910 1,487,624 44,563.6 29.9 28.3-34.8 5/74 ELOKOMIN R 86.2 0.5 2/74 ELOKOMIN R 1,841,803 57,721.4 31.3 30.2-34.8 4-5/75 ELOKOMIN R 772,039 50.3.8 0.7 5.4 4-1-14.1 9-11/75 COL RIVER I ELOKOMIN R 438,324 2.408.1 5.4 4.1-14.1 9-11/75 COL RIVER I ELOKOMIN R 5,408.5 52,056.5 31.0 5/76 ELOKOMIN R	372	996,000		544.3	0.5		3/73	COL RIVER !		
149,910 1,841,803 57,721.4 31.3 30.2-34.8 4-5/75 ELOKOMIN R 583.8 0.7 438,324 2,408.1 5.408.1 5.408.1 5.76 ELOKOMIN R ELOKOMIN 5/76 ELOKOMIN R 5.408.1 5.76 ELOKOMIN R	37.2		1,487,624	44,563.6	59.9	30	5/14			
772,039 1,841,803 57,721,4 31,3 30,2-34,8 4-5/75 ELOKOMIN R 583,8 0,7 3/75 GOL RIVER I ELOKOMIN L 284,8324 284,855 52,056,5 31,0 5/76 ELOKOMIN R 5/76 ELOKOMIN R	37.3	149,910		86.2	0.0		2174	ELOKOMIN R		
772.039 583.8 0.7 3.75 GOL RIVER I ELOKOMIN 438.324 2.408.1 5.4 4.1 9-11.75 GOL RIVER I ELOKOMIN ELOKOMIN R	373		1,841,803	57,72104	31.3			ELOKOMIN R		
438,324 2,408,1 5,4 4,1 14,1 9-11/75 COL RIVER I ELOKONIN 5/76 ELOKOHIN R	374	772,039		583.8	0.7		3/75	COL RIVER !		
4 1,674,855 52,056,5 31.0 5/76 ELDKOMIN R	37.4	438,324		2,408.1	5.4	4.1 - 14.1	9-11/75			
	37 4		1,674,855	52,056.5	31.0		5/76			

BROOD	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAH! FISH	RANGE GRAM! FISH	DATE RELEASES	RELEASE LOGATION	RELEASE LOCATION	RELEASE
1961		50,650	153.8	3.0		19/4	ELOKOMIN R		
1961		482,900	563.4	6.3	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		49/4	ELOKOMIN R		
1961		92,253	73.0	7.0		4/65	ELOKOMIN R		
1965		364,000	158.8	4.0		4/66	ELOKOMIN R		
19-9961	0	9	0						
1968		43,350	68.0	1.5		69/5	ELOKOMIN R		

TABLE 169.--COLUMBIA BASIN- MASHINGTON GRAYS RIVER HATCHERY - MASHINGTON DEPARTMENT OF FISH RELEASE OF- FALL CHINDOK SALMON.

RELEASE	
RELEASE LOCATION	
RELEASE LOGATION	GRAYS R GRAYS R GRAYS R COL RIVER I GRAYS R GRAYS R
DATE	5-6/65 5-6/65 5-6/65 5-6/65 5-6/65 5-6/67 5-6/71 5-6/72 5-6/72 5-6/73 3-6/75 10-1/75
RANGE GRAM/ FISH	3.3-7-1 3.4-6-6-7-1 3.1-7-5-0 7.55
AVE. GRAM/ FISH	W - F C C C C C C C C C C C C C C C C C C
TOTAL WEIGHT (KGS)	24
NUMBER OF HIGRANTS	1,359,761 1,359,761 1,359,761 1,359,522 1,143,634 1,775,463 2,312,651 1,772,965 1,852,381 1,852,381
NUMBER OF SUB- MIGRANTS	1,783,872 939,021 175,000 308,444 123,755
BROOD	1959-60 1962-1961-1966-1966-1966-1966-1966-1966-

TABLE 170.--COLUMBIA BASIN- MASHINGTON GRAYS RIVER HATCHERY - MASHINGTON DEPARTMENT OF FISH RELEASE OF- COND SALMON.

BROOD	NUMBER OF SUB-	NUMBER	TOTAL	AVE.	SANGE	DATE	RELEASE	RELEASE	RELEASE
2	MIGRANTS	MIGRANTS	(KGS)	FISH	FISH				*
1958-59	a	0	(3)						
1961		188,872	2044706	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		49/4	GRAYS R		
1963		593,285	14,542.6	24.5	13.7- 25.6	3- 4/65	GRAYS R		
1961		689,424	13,779.7	19.9		99/4	GRAYS R		
1965		1,053,427	25,408.0	24.1		19/4	GRAYS R		
9961	244,069		1,101,3	4.5		2167	GRAYS R		
9961	14.364		51.7	3.5		19/9	GRAYS R		
9961		591,825	16,358.8	27.6		4/68	GRAYS R		
1961	100.068		488.4	4.8		2/68	GRAYS R		
1967		843,536	23,913.8	28.3		69/4	GRAYS R		
1968	572,674		1,278.2	2.2	1.7- 2.9	69/9 -5	GRAYS R		
1968		1,211,925	33,380 . 8	27.5		02/4	GRAYS R		
6961	671,880		299.4	7.0		3/70	GRAYS R		
6961		1,273,872	36,113.7	28.3		12/4	GRAYS R		
0 26 1	71,406		156.0	2.1		12/9	GRAYS R		
0 161		518,612	3, 104.4	5.9		12/8	GRAYS R		
0 261		1,174,362	38,048.7	32,3		4/72	GRAYS R		
1 261	479,550		189.1	0.3		2112	GRAYS R		
1261		1,474,120	40,887.7	27.7		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		4114	GRAYS R		
1973	1,161,647		4,191.2	3.6	2.0- 4.6	42/9	COL RIVER 1	GRAYS R	
1973		1,571,568	44,629.9	28.3		5115	GRAYS R		
4161	1,546,855		5,758.6	3.7	1.3- 5.9	7- 8/75		COL RIVER	
1874		1,727,027	53,540.7	31.0		3- 5/76	GRAYS R		
1975		194,916	667.7	3.4	2.8- 3.9	1/16		COL RIVER I	

TABLE 171.---COLUMBIA BASIN- MASHINGTON
GRAYS RIVER HATCHERY - MASHINGTON DEPARTMENT OF FISH
RELEASE OF- CHUN SALMON.

88000	NUMBER	NUMBER	TOTAL	AVE.	RANGE	DATE	RELEASE	RELEASE	RELEASE
YEAR	MIGRANTS	MIGRANTS	(KGS)	FISH FISH	FISH	RELEASES	LOCATION	LOCATION	LOCATION
959-6		G	d						
962		70407	439°1	0.6		3/63	GRAYS R		
963		84,998	59.9	0.7		3/64	GRAYS R		
496		113,016	61.7	0.5		4/65	GRAYS R		
965		58,725	34.8	0.5		4/66	GRAYS R		
9961		152,108	88.5	0.5		3/67	GRAYS R		
1961		38,650	22.7	0.0		3/68	GRAYS R		
1968		4,021	2.3	0.5		3- 4/69	GRAYS R		
696		62,491	35.8	6.5		3/79	GRAYS R		
0.26	Q		6						
1 37 1		638,493	539.3	B.B		4/72	GRAYS R		
1972		563,684	635.9	- 0		5/73	GRAYS R		
1973		627,259	1,546.7	2.4		4- 6/74	GRAYS R		
976	0	69	6						
1975		1, 126,752	2,111,9	80 °		5/76	GRAYS R		

TABLE 172.--COLUMBIA BASIM- WASHINGTON KALAMA FALLS MATCHERY - WASHINGTON DEPARTMENT OF FISH RELEASE OF- FALL CHINOOK SALMON.

RELEASE																							
RELEASE LOCATION		14																		KALANA R			
RELEASE	KALAMA R	KALAMA R	KALANA R	KALAMA R	KALAMA R	KALAMA R	KALAHA R	KALAMA R	KALAMA R	KALAMA R	KALAMA R	KALAHA R	KALAHA R	KALAMA R	KALAHA R	KALAMA R	KALAMA R	KALAMA R	KALAMA R	COL RIVER 2	KALAMA R	KALAHA R	KALAMA R
DATE	5- 6/60	6/63		99/9	1- 2/67				69/9									6/73				6/15	2/16
RANGE FISH	1.2- 1.5	1.2- 2.2										1.4- 2.3				11.5- 26.6		1.9- 4.3		2.8- 7.9		3.1- 3.9	
AVE. GRAM/ FISH		200																		3.5			
TOTAL WEIGHT (KGS)	6.848.3 9.452.4	6,143.5	8,872.3	18,370.5	1,751.8	15,614.0	185.5	19,167.3	13,811.0	20,361.8	51.7	9,691,5	14,713.6	1,533.5	11,655.5	24,450.4	1,613.0	14,420.2	382.8	12,852,5	5,282,1	8,031,8	1,363.5
NUMBER OF MIGRANTS	3,569,236	4,851,000	3, 879,000	2,787,752		2,512,879		2,958,321	3,670,639	6,061,202		4,463,231	551,446		4,034,272	1,329,734		4,634,238		3,610,962	60,932	2,097,249	39,060
NUMBER OF SUB-					3,912,948		401,229				114,000			3, 131,223			3,308,204		574,811				
BROOD	6561	1961	1963	1964	1966	1966	1961	1961	1968	1969	1970	1970	1970	1 261	1 26 1	1 26 1	1972	1972	1973	1973	1973	1 97 4	1 97 4

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

BROOD	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM! FISH	RANGE GRAM! FISH	DATE	RELEASE	RELEASE	RELEASE
1958-61	9	69	0						
1962		178,711	6,235,5	34.8		3/64	KALAMA R		
1963		278,874	8,638,2	30.9	22.5- 45.3	4/65	KALAMA R		
9961		64,080	2,903.0	45.3		4/66	KALAMA R		
1965	322,411		3,217.8	9.9	9.2- 12.5	99/6	KALAMA R		
1965		253,489	8,341,9	34.8		4/67	KALAMA R		
9961	47,404		1401	0.5		3/67	KALAMA R		
1961		125,280	4,735.5	37.7		69/4	KALAMA R		
968		184,254	3,979.8	21.5		3/70	KALAMA R		
6961	144,430		324.3	2.5		5/70	KALAMA R		
6961		92,922	2,456.7	26.4		9/70	KALAMA R		
696		98,774	6,862.4	75.5		2/71	KALAMA R		
0 26 1	19,264		25.4	6.3		11/9	KALAMA R		
0.261		27,945	551.1	19.7		1116	KALAMA R		
0.261		71,230	5,476,2	76.8		3/72	KALAMA R		
1 26 1	62,350		97.5	1.5		6/72	KALANA R		
1 26 1		78,159	1,272.8	130		9/72	KALAMA R		
1261		96,378	6,245,8	64.7		4/73	KALAMA R		
1972		106,590	1,971,3	18.6	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		81184	4.447.0	10001		4175	KALAMA R		
4 26		335,073	8,316.5	24.8		8/75	KALAMA R		
426		195,940	8,687.07	45.3		2/76	KALAMA R		
1975		220,042	6,135,3	27.8		8- 9/76	KALAMA R		

TABLE 174.--COLUMBIA BASIN- MASHINGTON KALANA FALLS HATCHERY - MASHINGTON DEPARTMENT OF FISH RELEASE OF- COHO SALMON.

NUMBER N										
	0	NUMBER	NUMBER	TOTAL	AVE	RANGE	DATE	RELEASE	RELEASE	RELEASE
374,692		MIGRANTS	MIGRANTS	(KGS)	FISH	FISH	RELEASES	LOCATION	LOCATION	LOCATION
1,374,692 14,911.8 10.1 1.8° 11.3 1-3/61 KALAMA R 9/60.016 7,582.7 1.7 9.8° 14.1 2/62 KALAMA R 9/60.016 7,582.7 7.7 7.5 7.		6	a							
976.017 17.532.2 17.7 15.1-16.1 2-6.62 KALAMA R			1,374,692	14,811.2	100	1.8-11.3		KALAMA R		
976.017 17,352.2 17.7 15.1 - 10.1 2 - 4/63 KALAMA R 179.363 6 0.7 17,352.2 17.7 15.1 - 10.1 2 - 4/63 KALAMA R 179.363 6 0.355.5 15.5 15.5 15.7 26.6 1.364 20.363 6 0.055.5 14.1 19.7 26.6 1 - 3/64 KALAMA R 127,380 22.6 16.0 22.5 20.6 22.6 3 - 4/65 COLLTTR R 157,380 22.5 14.0 22.5 20.6 22.6 3 - 4/65 COLLTTR R 157,380 20.626 5.07.0 22.5 20.6 22.6 3 - 4/65 COLLTTR R 157,380 20.626 5.07.0 20.6 20.0 20.0 20.0 20.0 20.0 20.0 20			547,186	7,582.7	1107	-	2/62	KALAMA R		
#28.548 6.774.4 16.1 14.1 - 16.7 2/63 KALAMA R			976,017	17,352,2	17.7	-		KALAMA R		
79,363 2,7555 15,5 14,1 18,1 2/63 LEMIS R 1923,370 22,6650 22,6650 22,6650 22,6650 22,6650 22,6650 22,6650 23,64 KALAMA R 127,380 29,771 22,5 20,6-23,6 4/65 KALAMA R 157,380 29,776 22,5 20,6-22,6 4/65 KALAMA R 157,380 29,776 26,1 25,1 28,3 4/66 LEMIS R 4/69 KALAMA R 4/72 KALAMA R 4/73 KALAMA R 4/72 KALAMA R 4/73 KALAMA			428 , 548	6,784.4	16.1	-	2/63			
1,055,5 14,0			179,363	2,785.5	15.5		2/63	LENIS R		
19.023,370 22,686.0 22.6 19.7 26.6 1-3/64 KALAHA R 10.054,453 22.5 20.6-23.8 3-4/65 KALAHA R 22.5 20.6-23.6 4/65 CALAHA R 20.6-23.6 4/65 CALAHA R 20.6-22.6 30.6-22.6 4/65 CALAHA R 20.6-22.6 30.6-22.6 4/65 CALAHA R 20.6-22.6 30.6-22.6			75,168	1,055,5	1401		2/63	RIVER		
+ + + + + + + + + + + + + + + + + + +			1,023,370	22,686.0	22.1			MA R		
1.384			1,054,453	23,816,3	22.5					
1,384,755 35,758.3 27.4 25.1 28.3 4/66 KALAHA R 157,396 4,120.4 26.1 25.1 20.3 4/66 LENIS R 200,624 38,152.1 24.1 23.8 26.6 4-5/67 KALAHA R 155.1 6.3 24.1 23.8 26.6 24.5 24.1 23.8 26.6 24.5			127,380	2,877,01	22.5		4/65	COMLITZ R		
157,396			1 , 38 4, 755	35,758.3	27.4		4/66	KALAMA R		
268.52.264 5.687.6 28.3 23.8-26.6 4-5/67 KALAMA R 874,537 25,4916.4 29.1 26.6-26.3 4-5/68 KALAMA R 155.1 6.3 2-3/67 KALAMA R 155.1 6.4 29.1 26.6-26.3 4-5/68 KALAMA R 16.2 28.3 4-5/68 COMLITZ R 16.2 28.3 4-5/68 COMLITZ R 16.3 27.8 8.5 1.2 28.3 4-5/68 COMLITZ R 16.3 27.8 8.5 1.2 28.3 4-5/68 COMLITZ R 16.3 28.3 1.2 28.3 1.2 28.3 1.2 28.3 1.2 28.3 1.2 28.3 1.2 28.3 1.2 28.3 1.2 28.3 1.2 28.3 1.2 28.3 1.2 28.3 1.2 28.3 1.2 28.3 1.2 28.3 1.2 28.3 1.2 28.3 1.2 28.3 1.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2			157,396	4,120,4	26.1		4/66	LEMIS R		
1,582,264 38,152,1 24,1 23.8-25.6 4-5/67 KALAMA R 155,1 6.3 25.6-28.3 4-5/67 KALAMA R 220.7 0.4 0.4 0.4 2.6.6-28.3 4-5/68 KALAMA R 220.7 0.4 2.6.6-28.3 4-5/68 KALAMA R 2.6.6.40 38,517.7 28.3 2.6.8 2.6.3 2.6.8 2.7.0 KALAMA R 336.2 2.3 2.5-3.1 6-7/70 KALAMA R 3.6.2 2.5 3.1 6-7/70 KALAMA R 2.6.1 2.6.3 2.5-3.1 6-7/70 KALAMA R 2.6.9 2.7 2.5-3.1 6-7/70 KALAMA R 2.6.9 2.7 2.5-3.1 6-7/70 KALAMA R 2.6.9 2.7 2.5-3.1 2.7 COLLITZ R 2.7			200,624	5,687.6	28.3		4/66	COMLITZ R		
874,537 25,491,4 29,1 26,5-28,3 4-5/66 KALAHA R 32,007 20,01 20,4 20,1 26,5-28,3 4-5/66 KALAHA R 4/69 KALAHA R 4/69 KALAHA R 4/69 KALAHA R 1,872,800 38,918,2 28,3 34,0 8,3 3/60 COMLITZ R 316,2 0,3 34,0 8,3 3/70 COMLITZ R 316,2 0,3 3/70 COMLITZ R 316,2 0,3 3/70 COMLITZ R 316,2 0,3 8,3 3/70 COMLITZ R 4/18,2 0,3 8,3 3/70 COMLITZ R 2/71 COMLITZ R 2/71 COMLITZ R 2/71 COMLITZ R 2/71 COMLITZ R 2/72 KALAMA R 5/72 KALAMA R 6/72 KALAMA			1,582,264	38,152,1	24.1	8- 26.		KALAMA R		
874,537 25,491.4 29.1 26.5- 28.3 4-5/68 KALAMA R 1,372,888 38,918.2 28.3 1,452,7 28.3 1,452,7 28.3 34.8 38,517.7 28.3 34.8 38,517.7 28.3 34.8 28.3 34.8 28.3 34.8 28.3 34.8 28.3 34.8 28.3 34.8 33,036.8 28.3 37.8 KALAMA R 27.8 KALAMA R 28.3 8.3 8.3 8.5 5-677 KALAMA R 28.3 8.3 8.3 8.5 6-777 KALAMA R 28.3 8.3 8.3 8.3 8.5 6-777 KALAMA R 38.3 88.1 28.3 88.1 28.8 25.1-38.2 277 KALAMA R 58.1 88.2 28.3 8.3 28.3 88.1 28.8 85.1 88.7 8 KALAMA R 58.1 88.2 28.3 88.1 28.8 85.1 88.7 8 KALAMA R 58.1 88.2 28.3 88.1 28.8 85.1 88.7 8 KALAMA R 58.1 88.2 27.0 6.3 8.3 8.3 8.7 8 KALAMA R 58.1 88.2 27.0 6.3 8.3 8.3 8.7 8 KALAMA R 58.1 88.2 87.3 KALAMA R 851.489 27.0 76.3 29.2 26.5 30.2 4/75 KALAMA R 18.8 851.489 27.0 76.3 32.3 44.75 KALAMA R 851.489 27.0 76.3 32.3 82.3		395,694		155.1	6.3			KALAMA R		
1,372,888 38,918.2 28.3 4/69 KALAMA R 4/59 KALAMA R 4/52.7 28.3 4/69 KALAMA R 34.0 83.0 38,517.7 28.3 4/79 KALAMA R 316.9 2.7 2.5 3.1 6-770 KALAMA R 152.4 8.3 2.0 3/71 KALAMA R 152.4 8.3 2.0 3/71 KALAMA R 152.4 8.3 2.0 3/71 KALAMA R 166.9 8.3 2.1 1.8-3.0 5-7/71 CONLITZ R 2/71 CONLITZ R 2/71 CONLITZ R 2/71 CONLITZ R 2/72 CONLITZ R 2/72 CONLITZ R 2/72 CONLITZ R 198.5 1.44 33.036.0 26.6 30.2 4/72 KALAMA R 58.1 28.1 28.1 28.1 28.3 26.1 38.2 2-3/73 KALAMA R 2/72 KALAMA R 2/72 KALAMA R 58.1 28.1 28.3 28.3 29.2 26.5-30.2 4/74 KALAMA R 58.1 28.1 29.2 26.5-30.2 4/75 KALAMA R 62.7,076.3 29.2 26.5-30.2 4/75 KALAMA R 851.469 27.587.9 32.3 4/75 KALAMA R 851.469 27.587.9 32.3 4/75 KALAMA R 851.469 27.587.9 32.3			874,537	25,491.4	29.1			KALAMA R		
1, 372,800		799,617		320.7	0.4		2/68	COMLITZ R		
1.876,480 38,517.7 28.3 1-3/69 KALAHA R 34.0 8.3 34.0 8.3 37.0 KALAHA R 386.2 2.7 2.5- 3.1 6-770 KALAHA R 386.2 2.7 2.5- 3.1 6-770 KALAHA R 152.4 8.3 3770 CONLITZ R 418.2 8.3 3770 CONLITZ R 418.2 8.3 3770 CONLITZ R 204.8 1.0 8.3 3771 CONLITZ R 2771 CONLITZ R 204.8 1.0 8.3 2771 CONLITZ R 2771 CONLITZ R 2771 CONLITZ R 204.8 1.0 8.3 10.8 1.0 8-5.1 26.5 1.0 8-5.1 8.0 8-6.771 KALAHA R 58.1 28.3 88.1 26.5 1-30.2 2-3773 KALAHA R 58.1 28.3 28.3 8.3 3.2 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3 8.3			1,372,880	38,918,2	28.3		69/4	KALAMA R		
+876,480		1,589,584		452.7	8.2			KALAHA R		
34.8 8.3 3770 KALANA R 386.2 8.3 3770 COMLITZ R 19417,888 45,173.8 28.3 2.7 2.5- 3.1 6-7770 KALANA R 152.4 8.3 28.3 2.77 COL RIVER 20,600 8.3 2.77 COL RIVER 20,600 589.7 28.3 2.71 COMLITZ R 1,238,144 33,036.0 26.6 4.77 COMLITZ R 198.5 10.3 28.388.1 28.8 25.1-30.2 4,77 KALANA R 198.2 10.3 28.388.1 28.8 25.1-30.2 4,77 KALANA R 58.1 0.3 2.77 KALANA R 58.1 0.3 2.3 29.2 26.5-30.2 4,77 KALANA R 58.1 0.3 2.3 5.77 KALANA R 58.1 0.3 2.3 5.77 KALANA R 58.1 0.3 5.77 KALANA R 58.1 0.3 5.3 5.77 KALANA R 58.1 0.3 5.3 5.3 5.77 KALANA R 57.1 KALANA R 57.2 KALANA R 57.3 KALANA R 57.3 KALANA R 57.4 KALANA R 57.4 KALANA R 57.5 K			1,876,480		28.3		4/70	KALAMA R		
386.2 0.3 3.70 CONLITZ R 152.4 0.3 3.770 CONLITZ R 152.4 0.3 3.771 KALANA R 152.4 0.3 3.771 KALANA R 294.0 1.0 2.0 1.0 5.0 1.0 5.771 CONLITZ R 294.0 1.0 6.3 2.771 CONLITZ R 294.0 1.0 6.3 2.771 CONLITZ R 294.0 1.0 6.3 2.771 CONLITZ R 295.14 33.036.0 26.6 5.772 KALANA R 27.7 KALANA R 27.7 CONLITZ R 27.7 KALANA R 285.1 28.8 25.1 30.2 4.772 KALANA R 285.1 28.8 25.1 30.2 4.773 KALANA R 2626.4 3.2 26.5 30.2 4.774 KALANA R 25.1 6.0 27.0 KALANA R 27.0 KALANA R 27.0 F6.3 29.2 26.5 30.2 4.775 KALANA R 27.0 F6.3 29.2 26.5 30.2 4.775 KALANA R 27.0 F6.3 32.3 4.775 KALANA R 27.7 KALA		97,875		34.8	8.3		3/70			
1,417,688		880,815		386.2	0.3		3/70	CONLITZ R		
1, 4, 17, 988		301,038		836.9	2.7					
152.4			1,417,988	46,173,8	28.3		3/71			
166.9 8.3 2771 COMLITZ 166.9 8.3 2771 COMLITZ 294.8 1-4 5.0 1.6 5-6771 KALAMA 20.60 589.7 26.3 5-6771 KALAMA 1,238,144 33,036.1 26.6 8.3 25.1-30.2 4/72 COMLITZ 1,238,144 33,036.1 26.8 25.1-30.2 4/73 KALAMA 963,613 26,388.1 28.8 25.1-30.2 4/73 KALAMA 925,186 27,076.3 29.2 26.5-30.2 4/75 KALAMA 925,186 27,076.3 29.2 26.5-30.2 4/75 KALAMA 851,469 27,587.9 32.3 4/75 KALAMA		393, 120		152.4	6.3		2/71	RIVER		
1,238,144 33,036,09 8.3 2/71 KALAMA 20,800 589.7 20.3 1.8- 3.0 5-6/71 KALAMA 1,238,144 33,036.0 26.6 5.6 6.6 6.7 CONLITZ 1,238,144 33,036.1 20.8 25.1-30.2 4/72 KALAMA 983,613 28,388.1 28.8 25.1-30.2 4/73 KALAMA 985,186 27,076.3 29.2 26.5-30.2 4/74 KALAMA 925,186 27,076.3 29.2 26.5-30.2 4/74 KALAMA 851,489 27,587.9 32.3 4/75 KALAMA		1,078,740		418.2	0.3		2/71	CONLITZ R		
20,800 589.7 26.3 1.8- 3.0 5- 6/71 KALAMA 589.7 26.3 4/72 COMLITZ 1,238,144 33,036.0 26.6 6.4 25.1-30.2 4/72 COMLITZ 1,238,144 33,036.1 28.8 25.1-30.2 4/72 KALAMA 583,613 28,388.1 28.8 25.1-30.2 4/73 KALAMA 525,188 27,075.3 29.2 26.5-30.2 4/74 KALAMA 851,489 27,587.9 32.3 4/75 KALAMA 4/75 KALAMA		430,560		166.9	8.3		2/71			
20,600 911.7 2.1 1.8- 3.0 5-6/7! KALAMA 1,238,144 33,036.0 26.6 4/72 COMLITZ 1,238,144 33,036.0 26.6 4/72 COMLITZ 184.6 0.3 2/72 KALAMA 983,613 28,388.1 28.8 25.1-30.2 4/73 KALAMA 58.1 0.3 25.1-30.2 4/73 KALAMA 925,188 27,076.3 29.2 26.5-30.2 4/74 KALAMA 851,489 27,587.9 32.3 4/75 KALAMA		200,200		29408	**-		5/71	CONLITZ R		
20,800 589.7 28.3 4/72 COMLITZ 1,238,144 33,036.8 26.6 4/72 KALAMA 184.6 8.3 25.1-30.2 4/72 KALAMA 983,613 28,388.1 28.8 25.1-30.2 4/73 KALAMA 58.1 0.3 25.1-30.2 4/73 KALAMA 925,188 27,075.3 29.2 26.5-30.2 4/74 KALAMA 851,489 27,587.9 32.3 4/75 KALAMA 851,489 27,587.9 32.3		420,900		1.116	2.1					
1,238,144 33,036,0 26,6 4/72 KALAMA 184,6 0.3 2/72 KALAMA 983,613 28,388,1 28,8 25,1-30,2 4/73 KALAMA 58,1 0.3 2-3/73 KALAMA 198,2 0.3 25,1-30,2 4/74 KALAMA 925,188 27,075,3 29,2 26,5-30,2 4/74 KALAMA 851,489 27,587,9 32,3 4/75 KALAMA			20,800	589.7	28.3		4172	COMLITZ R		
983,613 28,388.1 28.8 25.1-30.2 4/73 KALAMA 58.1 0.3 25.1-30.2 4/73 KALAMA 198.2 0.3 2-3/73 KALAMA 626.4 3.2 26.5-30.2 4/74 KALAMA 925,188 27,075 3 29.2 26.5-30.2 4/74 KALAMA 851,489 27,587.9 32.3 4/75 KALAMA			1,238,144	33,036.0	26.6		4/72	KALAMA R		
983,613 28,388,1 28,8 25,1-30,2 4/73 KALAHA 58,1 0,3 25,1-30,2 2-3/73 KALAHA 198,2 0,3 25,1-30,2 4/74 KALAHA 925,188 27,075,3 29,2 26,5-30,2 4/74 KALAHA 851,489 27,587,9 32,3		564,625		184.6	0.3		2172	KALAMA R		
58.1 0.3 2-3/73 KALANA 198.2 0.3 3/73 COHLITZ 626.4 3.2 6.5-30.2 6/73 KALANA 925,188 27,076.3 29.2 26.5-30.2 4/74 KALANA 119.8 0.3 274 KALANA 851,489 27,587.9 32.3			983,613	26,388,1	28.8		4/73	KALAMA R		
198.2 0.3 3.73 COHLITZ 626.4 3.2 6.5-30.2 4.74 KALAMA 925,188 27,076.3 29.2 26.5-30.2 4.74 KALAMA 119.8 0.3 2.74 KALAMA 851,489 27,587.9 32.3 4.75 KALAMA		192,000		58.1	0.3					
925,188 27,076,3 29,2 26,6-30,2 4/74 119,8 0,3 2/74 851,489 27,587,9 32,3		655,500		198.2	0.3					
925,188 27,076,3 29,2 26,6-30,2 4/74 119,8 0,3 2/74 851,489 27,587,9 32,3		194,721		626.4	3.2		6/73	KALAMA R		
851,489 27,587,9 32,3			925,186	27,076,3	29.5		4174	KALAMA R		
851,489 27,587.9 32.3		314,800		199.8	D. 3		2/74	KALAMA R		
			851,489	TL)	32,3		4/75	KALAMA R		

TABLE 175.---COLUMBIA BASIN- MASHINGTON KLICKITAT HATCHERY - MASHINGTON DEPARTHENT OF FISH RELEASE OF- FALL CHINOOK SALMON.

WE AD	NUMBER OF SIRE	NUMBER	TOTAL	AVE.	RANGE	IGE	DATE	RELEASE	RELEASE	RELEASE
	MIGRANTS	HIGRANTS	(KGS)	FISH	FIS	*	KELEMBES		LOCALION	LOCATION
		4,355,821	10,512.0	2.4	2.8-	409	3- 4/60	KLICKITAT R		
		1,685,564	6,175,2	3.6	3.0.	3.8	4/61	KLICKITAT R		
	99,218		68.3	0.6			2/62	COL RIVER 3		
		3,177,958	8,705,3	2.7			4/62	KLICKITAT R		
	149,625		55.8	0.3			1/63	COL RIVER 3		
		2,624,470	7,277.0	2.2	2.20	3.0	4/63	KLICKITAT R		
		2,888,288	8,850.8	3.0	2.9-	3.0	49/4	KLICKITAT R		
	449,280		176.4	0.3			1/65	COL RIVER 3		
		2,935,065	10,119.6	30%	3.00	3.8	5/65	KLICKITAT R		
		3,235,268	19,156,1	5.9			99/5 -4	KLICKETAT R		
	533,078		179.2	500			19/1	COL RIVER 3		
		3,203,235	14012409	404			6/67	KLICKITAT R		
		2,839,289	8,289,5	6.9			5/68	KLICKITAT R		
		2,684,341	13,789.8	5.2			5/69	KLICKITAT R		
		4,827,989	28,985,2	5.9			5/70	KLICKITAT R		
		1,204,494	2,921.1	2.4	1070	3.9	4/71	KLICKITAT R		
		1,667,986	7,423,8	4.4	3.6	7.8	5172	KLICKITAT R		
		2, 315,376	13,678.5	5.9	5 el •	0.01	5- 6/73	KLICKITAT R		
		1 , 60 3 , 944	7,868.0	6.4	2.3-	5.5		KLICKITAT R		
		134,124	7,684.9	56.7			2/75	KLICKITAT R		
	186,780		9.44	4.0			1775	KLICKITAT R		
		1,089,768	4,936,9	A . B	4.50	504	5- 6/75	KLICKITAT R		
		44,399	0 5 5 7	9.2			9/15	KLICKITAT R		
		45 8 8 8 B	3,401.9	75.5			5/16	KLICKITAT R		
	1,687,721		1,660.6	6.0			1176	KLICKITAT R		
		1,274,888	7,612,2	5.9	2.6-	5.9	3- 6/76	KLICKITAT R		

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

Page Control										
## ## ## ## ## ## ## ## ## ## ## ## ##	2000	NUMBER	NUMBER	TOTAL	AVE. GRAN	PANGE	DATE	RELEASE	RELEASE	RELEASE
33,296 33,285 31,296 79,317 774,7 9,7 9,1 84,518 185,805		HIGRANTS	MIGRANTS	(KGS)	FISH	FISH				
31,296 31,296	60		49,384	451.3	9.1	. 33	1/60	KLICKITAT R		
31,296 84,518 84,518 151,456 151,45	65		33,285	582.1	12.1		3/61	KLICKITAT R		
84.518	8	31,296		221 . 8	7.0		8/61	KLICKITAT R		
84,518 85,805 4,247,1 22,8 15,5-32,3 1,63 151,456 337,358 5,381,4 15,9 10,7- 18,1 396,478 640,801 12,621,3 19,7- 18,1 114,894 3,256,8 28,3 10,7- 18,1 114,894 3,256,8 28,3 10,7- 18,1 114,894 3,256,8 28,3 114,894 3,256,8 28,3 114,894 3,256,8 28,3 118,736 18,455 18,646,0 30,2 118,736 18,646,0 30,3 118,736 12,941 12,941 12,1 118,501 12,701 12,1 118,501 12,701 12,1 118,501 12,701 12,1 118,501 12,701 12,1 118,501 12,701 12,1 118,501 13,1 118,501 14,577 32,3 118,501 14,577 32,1 118,501 14,577 32,1 118,501 14,577 14,577 119,978 14,577 14,577 119,978 14,577 14,577 119,978 14,577 14,577 119,978 14,577 14,577 119,978 14,577 14,577 119,978 14,577 14,577 119,978 14,577 14,577 119,978 14,577 14,577 119,978 14,577 14,577 119,978 119,978 1	0.0		79,317	70477	1°6	=	1/62	KLICKITAT R		
151,456	-	84,0518		374.7	4.4		6/62	KLICKITAT R		
	-		185,805	402470B	22.8			KLICKITAT R		
396,478	2	151,456		588.9	3.3			KLICKITAT R		
396,478 640,000 12,621,7 19,7 5,3-15,1 8/64 11,4894 3,526,8 28,3 64,3 64,45 118,894 3,526,8 28,3 6,3 18,786 118,894 3,526,8 28,3 6,4 18,5 18,5 18,5 18,5 18,5 18,5 18,5 18,5	25		337,358	5,381.4	15.9		3/64	KLICKITAT R		
23,786 114,994 2,256.8 28,3 114,736 2,969.2 28,3 114,736 11,064.6 118,3 26,4455 11,064.6 118,3 22,907 4,010,750 12,997 11,063,10 11,270.1 12,000 12,00	23	396,478		3,671.8	9.2	- 15	8/64	KLICKITAT R		
23,786 114,894 2,959,2 28,3 18,786 11054,6 11054,6 1103,254 2,593,2 18,585,0 2,23,31 4,00,750 18,585,0	100		640,000	12,621.7	1.61		6/65	KLICKITAT R		
23,786 184,736 186,66 197,66 197,66 197,66			114,894	3,255,8	28.3		4/66	KLICKITAT R		
23,786 183,264 1964,6 183 9.8-10.7 6/67 3559,332 18,585.1 29.7 40.6 883,560 538,468 17,446.1 32.3 9.8-10.7 6/68 452,403 22,900.7 50 18,585.1 18.2 6.1 139,200 14,517 15.1 18.2 6.1 15.1 18.1 15.400 511,838 15,47.5 38.2 16,978 16,978 17,838 18,978.1 7.8 18,978.1 18,978.1 7.8 18,978.1 18,988.2 18,978.1 40.8 14,53,129 14,577.1 32.1 15.838 14,577.1 32.1 15.838 14,577.1 32.1 15.838 14,577.1 32.1 15.838 14,577.1 32.1 15.838 14,577.1 32.1 15.838 14,577.1 32.1 15.838 14,577.1 32.1 15.838 14,577.1 32.1 16.838 17,786.1 16.838 17,786.1 16.838 17,786.1 16.838 17,786.1 16.838 18,578.1 16.988.2 17,818.1 16.88 18,588.8 11.988.2 17,818.1 16.88 18,588.8 11.988.2 17,818.1 16.88 18,778.1 16.838 18,588.8 11.988.2 17,818.1 16.88 18,778.1 16.888.1 11.99 18,778.1 16.888.1 11.99 18,778.1 16.888.1 11.99	· LC		184,736	2,969.2	28.3		2/67	KLICKITAT R		
183,264 1,064,6 18,3 9,8 10,7 6/67 18,3 29,7 4/68 18,55,0 30,2 30,2 4/68 18,55,0 32,33 32,33 32,33 4/7 12,984,0 32,33 50,3 3/72 4/7 12,984,0 32,33 50,3 3/72 11/7 1	0	23,786		18.5	6.7		3/67	KLICKITAT R		
544,455 16,464.0 30.2 4,68 4,68 4,69 4,69 4,69 4,69 12.984.1 32.3 37.8 4,69 4,69 4,52 4,63 5.3 5.3 5.3 5.3 3.78 1,62,40 5.19,83 6.4 14,510 1,520	0	103,264		1,054.6	٠ . ا		1919	KLICKITAT R		
355,932 18,565.0 29.7 4/69 400,750 12,964.1 32.3 3/78 400,750 12,964.1 32.3 3/78 536,466 17,466.1 32.3 2/71 542,537 32,383.3 50.3 1/71 555,000 219,978 15,116.2 66.7 3/73 152,400 1,270.1 7.8 6/73 162,400 1,270.1 7.8 6/73 162,400 1,270.1 7.8 6/73 162,400 1,270.1 7.8 6/73 162,400 1,270.1 7.8 6/73 162,400 1,270.1 7.8 6/73 162,400 1,270.1 7.8 6/73 162,400 1,270.1 7.8 6/73 162,400 1,477.5 38.2 21.332.6 56.6 163,46,742.5 14.557.0 14.55.6 6/75 163,46,742.1 14.55.6 14.55.6 14.55.6 163,66,700 14.55.1 14.55.6 14.55.6 162,400 14.55.1 14.55	0		5449455	16,464.0	30.2		4/68	KLICKITAT R		
663,560 664 12,964,1 32,3 3/78 12,964,1 32,3 50,3 5/10 12,964,1 32,3 5/10 12,964,1 32,3 5/10 12,964,1 32,3 5/10 12,964,1 32,3 5/10 12,978 17,946,1 32,3 5/10 12,978 15,918,2 66,7 11,71 11,72 1,270,1 7,8 16,240 1,270,1 7,8 16,963,4 74,3 37,4 37,6 31,25 1,372 1,4,57,1 1,4,51,1 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,5 1,	2		355,932	18,585.0	29.7		69/4	KLICKITAT R		
663,560	10		400,750	12,984.1	32.3		3/18	KLICKITAT R		
663,560 538,466 17,446,1 32,3 50,3 50,3 50,3 50,3 50,3 50,3 50,3 50	6		452°403	22,800.7	50.3		2/71	KLICKITAT R		
535,466 17,446,1 32,3 1/71 1/72	0	883,560		5,415,9	6.1		11/4	KLICKITAT R		
585,000	0		538,468	17,446.1	32.3		11/11	KLICKITAT R		
335,664 14,500.4 43.1 1172 219,976 15,118.2 68.7 3/73 139,200 1,888.6 7.8 6/73 162,400 1,270.1 7.8 6/73 162,400 15,477.5 38.2 6/73 162,400 511,830 15,477.5 38.2 9/73 228,128 16,953.4 74.3 9/74 376,232 21,332.0 56.6 2/75 453,129 14,577.1 32.1 4-5/75 453,129 14,577.1 32.1 4-5/75 453,125 31,988.2 74.1 16.8 453,125 34,999.8 11.9 7/76 452,225 424.1 16.8 11.9 17/76	•		642,537	32,383,3	50.3		3/12	KLICKITAT R		
585,000 219,978 15,118,2 68,7 3/73 1 15,1 15,1 15,1 15,1 15,1 15,1 15,1 1	_		335,664	14950004	43.1		11/72	KLICKITAT R		
565,000	-		219,978	15,118.2	68.7		3/13	KLICKITAT R		
139,200	2	585,000		8,845,1	1501		6/73	KLICKITAT R		
162,400	2	139,200		1 . BBB . 5	7.8		6/13	ENTIAT R		
62,400	2,	162,400		1,270,1	7.8		6/73	VAKAMA R		
511,838 15,477.5 38.2 9/73 128,128,128 16,953.4 74.3 374 1374 1374 1375,232 21,332.8 56.6 56.5 5775 155,129 14,577.1 32.1 42.1 125 31,999.8 11.9 775 125,225	2,	162,400		1,270.1	7.8		6/13	YAKAMA R		
228,128 16,953,4 74,3 3/74 1 346,742 14,251.0 40.8 9/74 1 376,232 21,332,8 56.6 5.775 1 50,000 453,6 9.0 6/75 1 453,129 14,577,1 32,1 4-5/75 1 431,125 31,998,8 11,9 7/76 1	2		511,830	15.477.5	38.2		9/13	KLICKITAT R		
348,742 14,251.0 40.8 9/74 1 376,232 21,332.0 56.6 5.75 1 50,000 453.6 9.0 6/75 1 453,129 14,577.1 32.1 4-5/75 1 335,830 3,999.8 11.9 7/76 1	2		228, 128	16,963.4	74.3		3/74	KLICKITAT R		
376,232 21,332.8 56.6 2/75 150,000 453.6 9.0 6/75 14,577.0 32.1 453,125 31,988.2 74.1 4-5/76 135,838 335,838 3,999.8 11.9 7/76 125,225	M		348,742	14,251.0	40.8		41/6	KLICKITAT R		
50,000 453.6 9.0 6/75 14,57,0125 14,577.0 32.1 453,125 31,988.2 74.1 4-5/76 125 31,999.8 11.9 7/76 125,225 424.1 16.8 10.76 10/76	M		376,232	21,332.8	56.6		2/15	KLICKITAT R		
453,129 14,577,1 32,1 4-5/75 135,630 431,125 31,988,2 74,1 4-5/76 175 125,225 424,1 16,8 10,76 10/76	4		50,000	453.6	9.0		6/15	ENTIAT R		
335,638 431,125 31,988.2 74,1 4-5/76 1 3,999.8 11,9 7/76 1 25,225 424,1 16,8 10/76 1			453, 129	14,577.1	32.1		9/15	KLICKITAT R		
335,638 3,999,8 11.9 7/76 1 25,225 424.1 16.8 10/76 1	4		431,125	31,988.2	7401			KLICKITAT R		
25,225 424.1 16.8 10/76	75	335,630			11.9		1/16	KLICKITAT R		
	25	25,225		424.1	16.8		10/76	KLICKITAT R		

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

		KELEASE OF		COMO SALHON.					
BROOD	NUMBER OF SUB-	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	GRAM/ FISH	S A A C E A A C E A A A A A A A A A A A A	DATE	RELEASE	RELEASE LOCATION	RELEASE
958		67 9, 434	6,196,5	9.1	7.8- 10.5	1/60	KLICKITAT R		
626	96,186		74.4	200		5/60			
626		961,226	11,592,0	12.8		1- 3/61	KLICKITAT R		
1961	24,992		79.8	3.1		8/61	KLICKITAT R		
968		667,533	10,236,7	15.3	8.3- 23.8	1- 6/62	KLICKITAT R		
196	247,622		683.7	2.4			KLICKITAT R	WAKAMA D	COI DIVED 3
1961	494,326		6,233,3	12.5			KLICKITAT R		W. V. C.
196		633,577	7,900.7	12.4	60	1/63	KLICKTIAT R		
362	647,488		181.9	8,2		1/63			
962	170,460		5000	2.9	1 3 3 9	5- 7/63	KLICKITAT P	VAKAHA S	
362	1,299,820		27,011.4	28.7	W	6030	KL TCKTTAT R		
362		397,973	7,881,3	19.6		•			
963	112,695		389°B	207		5/64	KLICKITAT R		
963		94,862	1,855.6	19.7	17.4- 20.6	1/65		SNAME	
263		787,000	15,031,1	19.0		3/65	KLICKITAT R		
496	224,965		581.	2.5		51/65	KLICKITAT R		
496		1,082,212	23,519,2	21.7	18.1- 22.6	3- 4/66	KLICKITAT R		
365		1,511,688	19,325.8	12.7	11.3- 18.1	12/66	KLICKITAT R		
996		850,000	25,084,3	29.₺		4/68	KLICKITAT R		
296		1,308,995	39,386,8	30.0	28.3- 30.2	3- 4/69	KLICKITAT R		
958		6540176	18,545.6	28.3		02/4	KLICKITAT R		
696		104459878	46,845.7	32.3		3/71	KLICKITAT R		
970	3079450		3,243,2			12/9	KLICKITAT R		
970		1,408,635	44019808	3103	26.5- 32.3	4/72	KLICKITAT R		
971	496,880		6,259,6	12.5		7172	KLICKITAT R		
971.		870,660	15,671.5	17.9		4/73	KLICKITAT R		
972	218,580		1,905,1	8.7	7.5- 12.9	6/73			
972		621,912	18,644,5	29.9	25.1- 50.3	4- 5/74	KLICKITAT R		
973	289,588		3,691,8	12.7		6-12/74			
973		844,025	28,997.3	3403	30.2- 45.3	4175	KLICKITAT R		
974	211,012		4.49	6.3		2/75			
974		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.

		NEEL ASE	ערבריים שבר מודיים אריים איניים איניי	TO VOORTING					
BROOD	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL HEIGHT (KGS)	AVE. GRAN/ FISH	RANGE SRAM/ FISH	DATE	RELEASE	RELEASE LOCATION	RELEASE
959 961 962 963	716,025	1,071,085	1,4720. 3,7480. 3680. 3360. 419.6	2 to 2 to -0	1.2- 2.4	4- 5/60 5/61 5/62 5/63 5/63 5/63	LENIS R LENIS R LENIS R LENIS R LENIS R		
964-70	8	109,060	371.9	3.5		6/72	LENIS R		

TABLE 179.--COLUMBIA BASIN- MASHINGTON LEMIS RIVER HATCHERY - MASHINGTON DEPARTMENT OF FISH RELEASE OF- SPRING CHINOOK SALMON.

RELEASE LOGATION	
RELEASE	
RELEASE LOCATION	LENIS R LENIS R LENIS R
DATE	3/73
R R R R R R R R R R R R R R R R R R R	-9
AVE. GRAM/ FISH	56.5
TOTAL WEIGHT (KGS)	1668.3 2,599.5 196.5
NUMBER OF MIGRANTS	8 45,848 19,316
NUMBER OF SUB- MIGRANTS	122,430
BROOD	1958-70 1971. 1971. 1972-74

TABLE 180.--COLUMBIA BASIM- MASHINGTON LEWIS RIVER HATCHERY - MASHINGTON DEPARTMENT OF FISH RELEASE OF- COHO SALMON.

BROOD	NUMBER OF SUB-	NUMBER	TOTAL	GRAM!	RANGE GRAM/	DATE	RELEASE	RELEASE	RELEASE
	LORAND	CHERRITE	(KOS)	HCT L	LISH				
1958		254,307	2,560.1	0.0		1/60	LENIS R		
6561	4480141		332.5	1.0		4- 5/68	LEHIS R		
1959		5849874	5,581,5	9.5	8.2- 11.3	2/61	LENIS R		
1961		518,318	5,546.1	10.7	9.8- 12.9	1/62	LEHIS R		
1961	383,768		379.2	1.2	1.1 -6.0	5/62	LEMIS 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		
1961		594,930	13,920.7	23.3		3/66	LEHIS R		
1965		387,188	10,906.2	28.1		4167	LEHIS R		
1966		726,900	19,590.7	26.9	26.6- 28.3	4/68	LENIS R		
1961		733,968	22,254.1	30.3		69/4	LEWIS R		
1 96 8		845,760	23,976.9	28.3		3/70	LEMIS R		
6961		892,500	24,097,1	26.9		4/71	LENIS R		
1970		934,192	28,983,2	31.0	28.3- 34.8	4172	LEMIS R		
1 26 1		771,733	22,296,3	28.8	26.5- 30.2	4/73	LEHIS R		
1972		1,086,032	30,788.5	28.3		4114	LEWIS R		
1973		1,160,992	32,913,6	28.3		4/15	LEWIS R		
4 161		1,175,488	33,324.5	28.3		5176	LEWIS R		

TABLE 181.---COLUNBIA BASIN- WASHINGTON
LOWER KALAMA MATCHERY - WASHINGTON DEPARTMENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

BROOD		NUMBER	TOTAL	GRAM!	A W ID I	E .	RELEASES	RELEASE	RELEASE	RELEASE
	O ENEXALDE	MINKANIS	S CON	HST	FES	I				
959		1,254,139		2.1	60	200		KAI AMA G		
960		612,178		20.5	-6-1	100	4- 5/61	KALAMA R		
196		855,845	104890B	107	0	6.		KALAMA R		
962		19196,680		2.5			5/63	KALAMA		
963		1,005,000		3.2	S	3.7	5/64	KALAMAR		
964		882,483		2.6			5/65	KALAMA R		
365		19164,768		60			5/66	KALAMA R		
996		1,216,389		300			5/67	KALAMA R		
1961		1,688,825		4.3			5/68	XAL AND S		
968		1,828,343		2.7		3.2	5- 6/69	KALAHAR		
696		3,578,777		3.7				XALARA R		
970.		2,968,364		1.9		203	4- 7/71	KALAMA R		
978		285,993		38.2			qqmq	KALAMA R		
116		2,702,878		3.7		403	5/72	KALAMA		
1 16		394,538		19.6	6.9	32 .3	6-12/72	KALAMA R		
971.		20,088		78.1			4/73	KALAMA R		
972.	152,000		73.5	90			3/73	KALAMAR		
972		2,744,538	10,661.7	80 89	3.2.	500	5- 6/73	KALAMA		
972		50,295	312.5	6.2				KALAMA		
972		106,526	1092101	10.0	15.1	20.6	9173	KALAMAR		
973		2,514,899	16,293,9	604		10.3	3- 5/74	KALAMA		
973		92,925	2,318,8	30.2				KAL BMA R		
973		52,440	3,964.6	75.5			2/75	KALAMA D		
974		3,025,990	17.273.3	500		7.9		KALANA D		
416		194,246	5,382,0	27.2		340		KAI AMA R		
975		2,996,854	18,839,1	6.2	2.6.	60	3- 6/76	KALAMA R		

TABLE 182.--COLUMBIA BASIN- WASHINGTON LOWER KALAMA HATCHERY - WASHINGTON DEPARTMENT OF FISH RELEASE OF- COHO SALMON.

TOTAL AVE. RANGE DATE RELEASE LOCATION (KGS) (KGS) FISH FISH RELEASE LOCATION LOCATION (KGS) 2,866.2 8.9 7.5-11.0 1.61 KALANA R R 3/62 KALANA R R 3/62 KALANA R R 3/62 KALANA R R 3/62 KALANA R 7/63 KALANA R 7/63 KALANA R 7/63 KALANA R 7/63 KALANA R 7/64 CONLITZ R 4/66 KALANA R 7/69 KALANA	NUMBER NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE NUMBER (KGS)			KELEASE OF		2000					
		88000	NUMBER	NUMBER	TOTAL	AVE.	SANGE	DATE	RELEASE	RELEASE	RELEASE
142,684	142,684	A A	HIGRANTS	HIGRANTS	(KGS)	FISH	FISH				
103,086 321,384 2,966.8 991 762	103,886 321,384 2,962,2 6,9 1/6 KALA 103,886 1,922,3 6,3 6,3 3/62 KALA 104,035 326,808 1,922,3 17.9 4/65 CONL 104,035 396,808 1,965,7 22.6 26.9 26.6 28.3 4/65 CONL 104,035 396,808 10,95,0 10,95,0 10,95,0 10,95,0 104,035 396,808 10,95,0 10,95,0 10,95,0 104,035 396,808 10,95,0 10,95,0 10,95,0 104,035 304,120 17,99,0 30,0 104,035 304,120 17,99,0 30,0 104,035 304,120 17,99,0 30,0 104,035 304,120 17,99,0 30,0 105,016 30,00 10,00 105,016 30,00 10,00 105,024 10,00 10,00 105,034 10,00 10,00 105,034 10,00 105,034 10,00 10,00 105,034 10,00 10,00 105,034 10,00 10,00 105,034 10,00 10,00 105,034 10,00 10,00 105,00 10,00			142.684	5.581.2	0.1	T.5- 11.0				
103,086 20,096 90 90 90 90 90 90 90	103,006 300,000 90.0 9	9 4 6		321.384	2,862,2	8.9		19/1			
103,886 1922,3	103,086 300,696 99,3 0.9 7,652 7,652 7,653 7,6557 15.1 17.9 9,656 1,922,3 1,922,3 1,931,10 7,5557 15.1 26.9 26.6 - 28.3 4,66 CONL 4,557 15.1 26.9 26.6 - 28.3 4,66 CONL 4,56 CONL	2		286.478	2.596.8	9.1		3/62			
300,896 1,922,3 6,3 2/63 KALA 423,708 7,593,1 17,9 4/75 CONL 360,000 8,164,7 22,6 26,5 - 28,3 4/75 CONL 360,000 8,164,7 22,6 26,5 - 28,3 4/75 KALA 7,546 593,120 17,999,0 30,0 2,5	300,896 1,922,3 6,3 6,3 4,64 GONL 422,708 7,593,1 17.9 4,765 GONL 366,900 8,164,7 22.6 3,94,91 26.9 26.6 - 28.3 4,765 GONL 356,900 10,956.5 27.6 59.120 17.999,0 30.5 27.6 59.114 7,54,6 59.120 17.999,0 30.5 20.6 26.6 - 28.3 4,765 GONL 1,52,216 59.114 37.268,5 10.3 4.76 KALA 1,68,176 1.013,448 1,923,268 38,92,7 36.2 1.013,448 1,923,268 38,92,7 30.2 1.013,448 1,923,268 38,92,7 30.2 1.013,448 1,923,268 38,92,7 30.2 1.013,448 1,923,268 38,92,7 30.2 1.013,448 1,923,268 38,92,7 30.2 1.013,448 1,923,268 38,92,7 30.2 1.013,448 1,923,268 38,92,7 30.2 1.013,448 1,923,268 38,92,7 30.2 1.013,448 1,923,268 38,92,7 30.2 1.013,448 1,923,268 38,92,7 30.2 1.013,448 1,923,268 38,92,7 30.2 1.013,448 1,923,268 38,92,7 30.2 1.013,448 1,923,268 38,92,7 30.2 1.013,448 1,923,268 38,92,7 30.2 1.013,448 1,923,268 38,92,7 30.2 1.013,448 1,923,268 38,92,7 30.2 1.013,448 1,923,938 32,777,5 30.2 1.013,448 1,923,938 32,777,5 30.2 1.013,448 1,923,938 32,777,5 30.2 1.013,448 1,923,938 32,777,5 30.2 1.013,448 1,923,938 32,777,5 30.2 1.013,448 1,923,938 32,777,5 30.2 1.013,448 1,923,938 32,777,5 30.2 1.013,448 1,923,938 32,777,5 30.2 1.013,448 1,923,938 32,777,5 30.2 1.013,448 1,923,938 32,777,5 30.2 1.013,478 KALA 1,975 KALA	2 4	103.886		99.3	0.0		1162			
423.708 7.553.1 17.9 4/64 CONL 493.116 7.455.7 15.1 4/65 CONL 493.116 7.455.7 15.1 4/65 CONL 350.000 10.956.5 27.6 26.5-28.3 4/67 KALA 7,546 59.120 17.999 30.0 30.3 3/68 KALA 1,015.116 30.3 30.2 4.0.1 1/69 KALA 1,015.116 30.3 30.2 4.0.1 1/69 KALA 1,015.116 30.3 30.2 4.77 KALA 1,015.116 30.3 30.2 4.77 KALA 1,015.116 30.3 30.2 4.77 KALA 1,013.448 1.015.126 30.2 4.77 KALA 1,013.448 1.015.25 30.2 4.77 KALA 1,015.116 50.2 4.77 KALA 1,015.116 50.2 4.77 KALA 1,015.116 50.2 5.1 - 28.3 4.77 KALA 1,015.116 50.2 5.1 - 28.	423,708 7,553.1 17.9 4/64 CONL. 493,116 7,455.7 15.1 4/65 CONL. 352,532 9,494.1 26.5 26.5 28.3 4/67 KALA 395,6808 10,956.5 27.6 26.5 28.3 4/65 KALA 7,546 598,120 17,999.0 30.5 4.4 4/66 KALA 189,114 5,752.2 18 3,589.0 30.2 4.4 4/70 KALA 1,486,736 1,486,736 1,613,452 30.2 4.7 1 KALA 1,013,448 1,015,106 30,656.0 30.7 1.2 8.3 3/72 KALA 1,013,448 1,013,938 32,772 36,108.5 20.7 10.7 4/73 KALA 1,013,448 1,003,938 32,777.5 30.2 4/75 KALA 299,405 1,257,705 30.02 4/75 KALA 299,405 1,257,705 30.02 4/75 KALA 1,008,900 1,008,900 30.2 4/75 KALA 299,405 1,257,705 30.02 4/75 KALA 1,018,900 30,911.3 30.2 4/75 KALA 1,008,900 30,911.3 30.2 4/75 KALA 4/76 KALA 1,008,900 30,911 10.00 4/75 KALA 1,008,900 30,911.3 30.2 4/75 KALA 1,008,900 4/75 KALA 1,008,	2 2		300.898	1.922.3	6.3		2/63			
10,035 350,000 0,164,7 22.6 26.5 - 28.3 4/65 COM. 10,035 396,000 10,956.5 27.6 26.5 - 28.3 4/66 KALA 10,035 396,000 10,956.5 27.6 26.5 - 28.3 4/66 KALA 10,035 396,000 10,999.0 30.0 189,114 32.68.6 30.0 189,114 32.68.6 30.0 1,066,736 1,015,106 1,016,000 1,066,736 1,015,106 1,016,000 1,013,448 1,015,106 1,018,5 1,013,448 1,015,106 1,018,5 1,013,448 1,015,106 1,018,5 1,013,448 1,015,106 1,018,5 1,013,448 1,015,106 1,018,5 1,013,448 1,015,106 1,018,5 1,013,448 1,015,106 1,018,5 1,013,448 1,015,106 1,018,5 1,013,448 1,013,938 32,777.5 1,013,448 1,013,938 32,777.5 1,013,448 1,013,938 32,777.5 1,015,106 1,018,930 30,032.4 1,013,448 1,013,938 32,777.5 1,015,106 1,018,930 30,032.4 1,013,448 1,018,930 30,032.4 1,013,448 1,018,930 30,032.4 1,013,448 1,018,930 30,032.4 1,013,448 1,013,938 32,777.5 1,013,448 1,013,938 32,777.5 1,013,448 1,013,938 32,777.5 1,013,448 1,013,938 32,777.5 1,013,448 1,013,938 32,777.5 1,013,448 1,013,938 32,777.5 1,013,448 1,013,938 32,777.5 1,013,448 1,013,438 32,777.5 1,013,448 1,013,438 32,777.5 1,013,448 1,013,438 32,777.5 1,013,448 1,013,438 32,777.5 1,013,448 1,013,438 32,777.5 1,013,448 1,013,438 32,777.5 1,013,448 1,013,438 32,777.5 1,013,448 1,013,438 32,777.5 1,013,448 1,013,438 32,777.5 1,013,448 1,013,438 32,777.5 1,013,448 1,013,438 32,777.5 1,013,448 1,013,438 32,777.5 1,013,448 1,013,438 32,777.5 1,013,448 1,013,438 32,777.5 1,013,448 1,013,438 32,777.5 1,013,448 1,013,438 32,777.5 1,013,448 1,013,438 32,777.5 1,013,438 32,777.5 1,013,438 32,777.5 1,013,438 32,438 32,438 1,013,438 32,438 32,438 1,013,438 32,438 32,438 1,013,438 32,4	100.035 100.03	100		423.788	7.593.1	17.9		49/4	COMLITZ R		
350,000 8,154,7 22,6 25,5 25,5 25,5 4,67 KALA 10,035 395,000 10,955,5 27,6 35,60 KALA 10,035 395,000 17,999,0 30,0 15,546 KALA 189,114, 540,529 15,540,529 15,540,529 15,540,529 15,540,529 15,540,529 15,540,529 15,540,529 15,540,529 15,540,529 15,540,529 15,540,529 15,540,529 15,540,529 15,540,529 15,540,529 15,540,529 15,540,529 15,540,529 15,540,53 30,22 103,624	350,000 8,164,7 22,6 26,5 26,5 28,3 4,66 CONL. 352,532 9,494,1 26,9 26,5 28,3 4,68 KALA. 7,546 594,120 17,999,0 30,3	200		493.118	7.455.7	15.1		4/65	COMLITZ R		
10,035 396,608 10,956.5 27.6 26.5-28.3 4/67 KALA 10,035 396,608 10,956.5 27.6 27.6 3/68 KALA 189,114 3,268.6 4,44 4/68 KALA 189,114 3,268.6 4,44 4/68 KALA 189,114 3,268.6 4,44 4/68 KALA 1,466.736 1,015,106 30,696.0 30,2 4/71 KALA 1,615,106 30,696.0 30,2 4/71 KALA 1,015,106 1,015,10	10,035 396,600 10,956.5 27.6 26.5 - 28.3 4/67 KALA 10,035 396,600 10,956.5 27.6 27.6 4/68 KALA 189,116 17,999.0 30.0 4/64 KALA 189,116 17,999.0 30.0 4/64 KALA 189,116 17,999.0 30.0 4/64 KALA 180,510 15,289.12 17,999.0 19,010	400		360.888	8.154.7	22.6		4/66	CONLITZ R		
10,035 396,808 10,956.5 27.6 4/68 KALA	10,035 10,956.5 27.6 4/68 KALA	2 4		352,532	9.494.6	26.9		4/67	KALAMA R		
10,035	10,035	266		396.808	10,956.5	27.6		4/68	KALANA R		
7.546 593,128 17,999.8 38.8 6 4,466 KALA 189,114 540,529 15,345.2 38.2 64.4 7,699.8 16,345.2 38.2 64.4 7,70 KALA 1,015,186 38,945.7 36,188.5 27.5 25.1 - 28.3 37.2 KALA 1,013,448 1,823,268 38,942.7 36,188.5 30.2 4,77 KALA 4,77 KALA 1,03,824 185.7 38.942.7 38.2 69.7 18.8 38.942.7 38.2 69.7 18.8 38.942.7 38.2 69.7 18.8 38.942.7 38.2 69.7 18.8 65.8 38.942.7 38.2 69.7 18.8 65.8 38.942.7 38.2 69.7 69.7 69.7 69.7 69.7 69.7 69.7 69.7	7.546 598,128 17,999.8 38.8 4.6 4.66 KALA 189,114 58.5 0.3 38.0 3.2 68.6 4.6 4.6 KALA 1,015,128 16,345.2 30.2 1.8 1.8 1.9 1.6 18.4 1.8 1.8 1.9 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	367	10.035		4.0	4.0		3/68	KALANA R		
189.116	189,114	1967	7.546		5.8	9.9		4/68			
189, 14	189, 14	22		598,128	17,999.1	30.0		69/4			
742,218 540,529 16,345.2 310.2 4.4 7769 COL 1,486,736 1,015,186 36,96.0 310.2 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	742,218 540,529 16,345.2 310.2 4.4 7769 GOL 1,456,736 1,015,116 36,56.1 310.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	2 92	4116		58.5	0.3		1/69	KALAHA R		
1,456,736	540,529 16,345.2 30.2 4770 KALA 1,466,736 1,015,186 38,696.8 38,2 38.2 4771 KALA 1,289,171 1,78.5 8,186.5 27.5 25.1-28.3 4771 KALA 298.8 1,013,448 1,823,268 38,942.7 30.2 25.1-28.3 3772 KALA 1,013,448 1,823,268 38,942.7 30.2 25.1-28.3 3772 KALA 1,03,824 1,083,938 32,777.5 30.2 4,773 KALA 4,775 KALA 1,03,824 1,083,938 32,777.5 30.2 4,775 KALA 4,775 KALA 2,777.5 30.2 4,775 KALA 4,775 KALA 1,083,938 32,777.5 30.2 4,775 KALA 1,083,938 32,777.5 30.2 4,775 KALA 1,083,938 32,777.5 30.2 4,775 KALA 1,083,938 32,777.5 50.2 4,775 KALA 1,083,938 32,777.5 30.2 4,775 KALA 1,083,938 32,777.5 4,775 KALA 1,083,938 32,777.5 4,775 KALA 1,083,938 30.2 4,	× ×	742.218		3,268.5	4.4		1/69	COL RIVER 2		
1,466,736	1,466,736	2		540,529	16,345.2	30.2		4/70	KALAMA R		
1,466,736	1,466,736	169		1,015,186	38,696.0	38.2		11/4	KALAMA K		
1,289,171	1,289,17 1,172.5 10.9 10.7 10.1 4/7 COML 762,23 748.8 10.9 10.7 10.2 4/7 KALA 762,23 1,313,772 36,186.5 27.5 25.1 26.3 4/72 KALA 1,013,448 1,023,268 38,942.7 30.2 4/73 KALA 4/73 KALA 4/73 KALA 103,624 1,083,938 32,777.5 30.2 4/75 KALA 4/75 KALA 1,083,938 32,777.5 30.2 4/75 KALA 4/76 KALA 1,088,990 30,511.3 30.2 4/76 KALA 4/76 4/7	17.0	1.486.736		1,688.4	-	1.8- 1.2	12/4	COMLITZ R		
762,231	762,231	17.0	1,289,171		1,172.5	0.0	•	11/4	COMPLITZ R		
1,013,446 1,023,266 38,942.7 30.2 200.2 200.260 36,000 1,000.6 30.2 200.2 4,73 4,73 4,73 4,73 4,73 4,73 4,73 4,73	1.013,448 1,313,772 36,186.5 27.5 25.1 28.3 4/72 KALA 290.8 0.2 200.2 3/72 KALA 290.8 0.2 200.2 4/73 KALA 36,080 1,086.5 30.2 4/73 KALA 103,824 1,083,938 32,777.5 30.2 4/75 KALA 185.7 10.75 10.75 10.75 10.75 10.75 10.75 10.75 10.75 10.75 10.75 10.75 10.75 10.75 10.75 10.75 10.75 10.75 KALA 10.75 10.	17.0	782.231		748.8	6.0		12/4			
1.013,448 1.023,268 38,942.7 30.2 36,000 1,000.6 30.2 4/73 KALA 200,260 1,003,938 32,777.5 30.2 4/75 KALA 1,257,705 38,032.4 4/75 KALA 299,405 1,257,705 38,032.4 4/75 KALA 52,800 1,000,990 30,511.3 30.2 4/76 KALA	1,013,448 1,023,268 38,942.7 30.2 200,260 200,260 1,080.6 30.2 4/73 KALA 200,260 1,083,938 32,777.5 30.2 4/75 KALA 299,405 1,257,705 38,932.4 52,800 1,088,990 30,511.3 30.2 4/76 KALA	17.0		1,313,772	36,188.5	27.5		4/72	KALAMA R		
1,023,268 38,942.7 30.2 4/73 KALA 200,260 1,086.6 30.2 4/73 TOUT 103,824 1,083,938 32,777.5 30.2 4/75 TOUT 299,405 1,257,785 38,832.4 52,800 1,086,990 30,511.3 30.2 4/76 KALA 52,800 1,086,990 30,511.3 30.2 4/76 KALA	1,023,268 38,942.7 30.2 4/73 KALA 36,080 1,086.6 30.2 4/73 TOUT 36,080 1,086.6 30.2 4/73 TOUT 103,024 1,083,938 32,777.5 30.2 4/75 KALA 299,405 1,088,990 30,511.3 30.2 4/76 KALA 4/76 KALA	121	1.013.448		290 . 8	0.5		3/72	KALAMA K		
200,260 1,086,6 30.2 4/73 TOUT 103,824 1,083,938 32,777.5 30.2 4/73 KALA 299,405 1,257,705 38,832,475 KALA 299,405 1,086,990 30,511.3 30.2 4/76 KALA 4/76 KALA	200,260 1,086.6 30.2 4/73 TOUT 103,624 1,083,938 32,777.5 30.2 4/75 TOUT 103,624 1,083,938 32,777.5 30.2 4/75 KALA 299,405 1,086,990 30,511.3 30.2 4/76 KALA 4/76 KALA	121		1,823,268	38,962.7	30.2		4/13	KALAMA R		
200,260 103,624 1,063,938 32,777.5 30,2 4,73 10,75 10,3,624 1,257,765 36,032.4 30,2 4,75 4,75 4,75 4,75 4,76 4,76 4,76 4,76 4,76 4,76 4,76 4,76	200,260 103,824 1,083,938 32,777.5 30,2 4,73 1017 103,824 1,257,725 38,832.4 185.7 8.3 18.3 10.75 10.7	120		36.000	1,088.5	30.2		4/13	TOUTLE R		
103,024 1,003,938 32,777.5 30.2 4,77 KALA 1,257,705 30,032.4 30.2 4,77 KALA 4,77 KALA 299,405 10,088,990 30,511.3 30.2 4,76 KALA 4,76 KALA 52,800 1,088,990 30,511.3 30.2	103,824 1,083,938 32,777.5 30.2 4,774 KALA 4,774 KALA 4,257,785 38,032.4 30.2 4,775 KALA 299,405 1,088,990 30,511.3 30.2 4,776 KALA 52,800 1,088,990 30,511.3 30.2	27.5	200-260		146.5	1.0		4/13	KALAMA R		
1,083,938 32,777.5 30.2 4/74 KALA 1,257,785 38,832.4 30.2 4/75 KALA 299,485 185.7 8.3 4/75 KALA 52,800 1,088,990 30,511.3 30.2 4/76 KALA	1,083,938 32,777.5 30.2 4,774 KALA 299,405 1,257,705 38,032.4 30.2 4,775 KALA 299,405 52,800 1,088,990 30,511.3 30.2 4,776 KALA	372	103.824		76.2	0.7		4/73	TOUTLE R		
299,405 1,257,705 38,032,4 30,2 4,75 KALA 299,405 52,800 1,088,990 30,511,3 30,2 4,76 KALA	1,257,785 38,832,4 30,2 299,485 185,7 8,3 4,75 KALA 52,888 1,088,998 30,511,3 30,2 4,76 KALA	272		1.083.938	32,777.5	30.2		4/14	KALAHA R		
299,405 185.7 8.3 4.75 KALA 52,800 1,088,990 30,511.3 30,2 4,76 KALA	299,405 52,800 1,088,990 30,511,3 30,2 4/76 KALA	973		1,257,705	38,032.4	30.2		4115	KALANAR		
52,800 1,088,990 30,511,3 30,2 4/76 KALA	52,800 1,088,990 30,511.3 30.2 4/76 KALA	976	299-485		185.7	6.3		4/15	KALAMA R		
1,086,990 30,511.3 30.2 6/76 KALAMA	1,088,990 30,511,3 30,2 4/76 KALAMA	97.6	52.800		544.3	10.3		10/75	COL RIVER 2		
		7 20		1.088.990	30,511,3	30.2		4/16			

TABLE 183.--COLUMBIA BASIN- MASHINGTON SPEELYAI MATCHERY - MASHINGTON DEPARTMENT OF FISH RELEASE OF- FALL CHINOOK SALMON.

RELEASE LOCATION								
RELEASE								
RELEASE	LENIS R	LEMIS R	LENIS R	LEWIS R		LEHIS R		LENIS R
DATE	5/60	19/5	5/62	2/63		2- 3/65		3/72
RANGE FISH	2.0- 2.2							
GRAH! FISH	2.1	2.3	6.9	4.0		4.0		. CO
TOTAL	1,054.6	8.046.9	9006	284.9	0	1,218.3	63	6103
NUMBER OF MIGRANTS	493,477	458,060	456,550		9		639	
NUMBER OF SUB- MIGRANTS				700,608	C	2,879,922	0	139,400
BROOD	1959	1961	1961	1962	1963	1961	1965-70	1261

OF FISH	
90	
I SEPARTMENT	
MASHINGTON MASHINGTON (SALMON.	
ASI	
TABLE 184 COLUMBIA BASIN- MASHING SPEELYAI HATCHERY RELEASE OF- SPRING CHINDOK SALMON,	
TABLE 18 SPEELYAI RELEASE	

	RELEASE	
	RELEASE	
	RELEASE LOCATION	LEMIS R LEMIS R LEMIS R LEMIS R LEMIS R LEMIS R LEMIS R LEMIS R LEMIS R LEMIS R
	DATE	8-11/73 2/74 9/74 9/75 9/75 3/76 9/76
	FISH	19.7 - 55.6
200 1001110 011110	AVE. GRAH! FISH	2222-14222-1422-1422-1422-1422-1422-142
	TOTAL WEIGHT (KGS)	200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
KELEASE OF	NUMBER OF MIGRANTS	158,697 94,392 163,586 114,987 75,680 128,868
	NUMBER OF SUB-	66.5 63.4 63.8
	BROOD	1959-71 1972 1973 1973 1974 1975

TABLE 185. -- COLUMBIA BASIN- MASHINGTON
SPEELYAI MATCHERY
- MASHINGTON DEPARTMENT OF FISH
RELEASE OF- GOHO SALMON.

BROOD VEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL	GRAM! FISH	T S S S S S S S S S S S S S S S S S S S	DATE	RELEASE	RELEASE	RELEASE
1959	236,999		422.7	1.7		4/68	d STA		
1961	59.625		5.00.3			7/61	בוניים א		
1961		985,209	5-189-5	2000		2163	LENTS R		
1962	6,375,576		2,229,9	0 0		4/63	FUTS		
1962		358,938	8.855.9	25.2	23.8- 25.1	3/64	LENTS		
1963	54,868		181 0 %	60 60		6/64	LEWIS		
1963		357,034	9,526,3	26.6		4/65	LEWIS		
1964	1,561,962		467.2	0.5		2- 3/65	LEWIS &		
1 96 4		258,516	6,425.1	24.8			LEWIS R		
1965	282,186			0.2		1- 2/66	LEWIS R		
1 96 5		328,888	8,886,8	27.0		4/67	LEWIS R		
1 366	6869454		207.3	0.3		2/67	LEWIS R		
1966		268,000	7,874.4	29.3		4/68	LEHIS R		
1961	301,000		98.5	6.3		2/68	LEMIS R		
1961		498,516	304850B	27.4		69/4	LEMIS &		
896		677,200	19,210.5	28.3		82/4	LENIS R		
1969	746,200		250.4	0.00		2/70	LEMIS R		
1969		1,310,504	32,108,9	24.5		4171	LENTS R		
1970	922,000		279.8	0.3		1- 2/71	LEWIS R		
1978	201,000		60 00	600 600		2/71	COL RIVER 2		
1970		1,544,280	46,493.2	30.1		4172	04		
1 25 1	600,000		54403	6.8		3/72			
1 26 1		1,980,234	51,097.6	25.8	25.1 - 28.3	4- 5173			
1972	1,201,420		1,823.0	6.5	Do7 - 4.2	3- 6/73	LEMIS R		
1972		1,286,217	34,859.8	27.1	N	4174			
1973	1,261,500		9 181 00	6.9	0.3-1.8	1- 4/74			
1973		1,398,750	42,297,5	30.2		4/75	LEWIS R		
4 26 1	8029184		6044141	***	1.1- 2.6	3- 5/75	LEWIS R		
1974		1,479,168	41,933.7	28.3		5/76	LEMIS R		
1975	1,014,540		2,665.3	2.6	2.5- 2.7	5/76	LEHIS R		

TABLE 186.--COLUMBIA BASIN- WASHINGTON TOUTLE HATCHERY - MASHINGTON DEPARTMENT OF FISH RELEASE OF- FALL CHINDOK SALMON.

RELEASE																												
RELEASE																												
RELEASE	TOUTLE R	TOUTLE R	TOUTLE R	TOUTLE R	TOUTLE R	TOUTLE R	TOUTLE R	TOUTLE R	TOUTLE R	TOUTLE R	TOUTLE R	TOUTLE R	TOUTLE R	TOUTLE R	TOUTLE R	TOUTLE R	TOUTLE R	TOUTLE R	TOUTLE R	TOUTLE R	TOUTLE R	TOUTLE R	TOUTLE R	TOUTLE R		MASHOUGAL R	TOUTLE R	TOUTLE R
DATE	5/68	5- 6/61	6- 7/62	6- 7/63	49/1 -9		99/9 -5	1/67	19/9	2/68	69/9	1/18	5- 6/71	10/11	3- 4/72	6/72	10/72	1- 4/73	4/73	5- 6/73	42/1 -9	10/74	3/15	6/15	6/15	8/15	4/16	4- 6/76
RANGE BRAM/ FISH	7	2.9	2.1- 2.9		1.5- 1.8								1.3- 3.9				18.8- 21.5			1.5- 3.4				3.2- 4.1				2.9- 4.9
AVE. GRAN/ FISH	-:	20.3	2.5	4.1	1.1	6.8	2.3	60.3	2.3	2.6	2.5	3.7	3.2	30.2	4.0	3.8	20.8	0.04	9.0	2.9	3.8	22.6	9.6	3.8	9.5	30.2	9.5	4.5
TOTAL WEIGHT (KGS)	190.1	30 531 0 B	2,519.7	4,550.8	4,510.1	5,280.3	6,966.7	145.1	6,517.2	8,558,8	8,075,3	10,206.7	18,339.2	5,971.5	220.0	8, 156.0	2,942.0	1,921,0	222.3	9,575.3	110144.3	4,733.7	113.4	12.482.0	6,992,1	8,170.1	112.0	13,844,1
NUMBER OF MIGRANTS		2,628,611	992,559	3, 975, 852	2,580,198	5,738,659	2,931,998		2,832,913	3,235,505	3,118,794	2.692.602	3,155,156	197,475		2,685,182	141.180	47.947		3,266,763	2,889,229	288.728		3.273.846	755,335	278-189		3,042,380
NUMBER OF SUB-	167,762							416,000							523.888				333,200				262.508				286.840	
BROOD	6561	6261	1901	1962	1963	9961	1965	1966	9961	1967	968	0 90	0261	0.261	1471	1251	1 42	125	1972	1972	1973	1973	1076	1076	1974	1976	1975	1975

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

	RELEASE	
	RELEASE	
	RELEASE	TOUTLE R TOUTLE R
	DATE	7/75 9/75 3/76
SALMON	FRANGE	60 60 10 10
CHINDOK SALMON.	AVE. GRAM! FISH	5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
OF- SPRING	TOTAL WEIGHT (KGS)	M 40 70 W 40 W 40 W 40 W 40 W 40 W 40 W 4
KELEASE OF-	NUMBER OF MIGRANTS	2 - C - C - C - C - C - C - C - C - C -
	NUMBER OF SUB-	8 45020
	FROOD	1960-73 1974 1974 1974

TABLE 186.--COLUMBIA BASIN- MASHINGTON TOUTLE HATCHERY - MASHINGTON DEPARTMENT OF FISH RELEASE OF- COHD SALMON.

38000									
	NUMBER	NUMBER	TOTAL	AVE	RANGE	DATE	RELEASE	RELEASE	RELEASE
	MIGRANTS	MIGRANTS	(KGS)	FISH	FISH	RELEASES	LUCALTON		
		650,771	4,676.1	7.1	3.2- 11.6	1- 4/60	COMLITZ R		
	152,000		86.2	0.5		69/9	z		
	194,030		246.3	1.2	• 5 •				
		1,159,297	5,994.7	5.1	3.2- 13.7	2- 4/61	COMLITZ R		
	21,225		- A-	9.1		19/9	Z		
		770,725	6.988.5	8.9	7.3- 12.2	1- 2/62	CONLITZ R		
	100,650		6.64	4.0			Z		
	2,252,359		•	0.8	0.5- 1.1	5- 6/62			
		1.620.200	11,287,2	0.1	el -10	2- 3/63			
	174.200		60.8	6.3		4/63			
	135,729		134.7	6.0		5/63	œ		
	100,800		153.3	9 . 9		1163	z		
		1,381,299	22,397,9	17.2	11.3- 20.6	3- 4/64	OK.		
	75,075		-	2.5		1164	z		
	58.652		153.3	2.6	2.5- 2.8	8/64			
		1,395,112	249 154.2	17.3	15.1- 19.7	2- 3/65	COMLITZ R		
	99.960		177.8	1.1			TUCANNON R		
		1 . 26 9 . 720	31,050.7	24.4	21.5- 30.2	3- 4/66			
		191919191	29,217.7	24.5		4167	CONLITZ R		
	287,500		113.4	B.3		3/67	COMLITZ R		
	61,155		183.7	3.0		19/9	COMLITZ R		
		950,047	23,311.0	24.5		4/68	COMLITZ R		
		1,065,263	26,884.9	24.7	21.5- 28.3	69/4	COMLITZ R		
	412,800		117.0	0.5			COMLITZ R		
	109,755		222.3	2.0	1.4- 2.5	69/1 -4	COMLITZ R		
		1,390,140	35,003.7	25.1		4/70	COMLITZ R		
	846.258		307.1	0.3		3/70	COMLITZ R		
		1,568,296	39,509.7	25.1	15.1- 30.2	3/71	COMLITZ R		
	930,000		351.5	0.3		3/71	COMLITZ R		
	161,000		317.5	1.9		12/9	COMLITZ R		
		1.430,320	40,359,3	28.2	25.1- 28.3	4/12	COMLITZ R		
		134,453	3,587.5	26.6		5112	COMLITZ R		
	14,350			12.9		3/73	COMLITZ R		
		1,387,428	35,818.4	25.8	.7 - 28		CONLITZ R		
	606,120		9.609	1.0	0.3- 1.3	3- 6/73	COMLITZ R		
	65,550		646.4	9.8		9/13	TOUTLE R		
		28,292	415.5	14.6		-	TOUTLE R		
		1,445,876	35,778.9	24.7	.1- 32	4- 6/74			
	92,175		333.4	3.6	3.5- 4.4	42/1 -9			
	231,600		55.3	0.2			MASHOUGAL R		
		1,620,741	43,021.0	26.5		3- 4/15			
	480,340			6.1	-0.		TOUTLE R		
		2,295,868	53,884.7	23.4	17.4- 28.3	4			
	482,90B		288.9	0.5		91/4	TOUTLE R		

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

82000	N CHERTON	NUMBER	TOTAL	AVE	0	100	DATE	TAN TRUE	DELFACE	TAN TAN
VEAR	SUS TO		WEIGHT	GRAM	CAM	H	RELEASES	LOCATION	LOCATION	LOCATION
	HIBKANIS	MICKANIS	(KES)	FISH	N	I				
656		2,854,999	4,221.6	-d)* 0		0.5	5/60	WASHOUGAL R		
960		1,519,688	5,259,9	3.2	3000	3.4	5/61	WASHOUGAL R		
196		2,314,940	5,767.6	204			5- 6/62	MASHOUGAL R		
962		3,315,613	8,363,3	2.5	2060	208		MASMOUGAL R		
963	1,049,440		425°B	4.0			1/64	COL RIVER 2		
263		3,157,696	9,359,9	2.9	600	200	5/64	MASHOUGAL R		
496		2,643,924	8,527.8	3.2			5/65	WASHOUGAL R		
965		3,275,914	14,016.5	16.2			99/9	HASHOUGAL R		
966		2,255,985	10,258.4	4 . 5			19/9	WASHOUGAL R		
296		2,674,842	15,167,2	5.6			89/9	MASHOUGAL R		
968		1,473,126	4048105	3.8			69/9	HASHOUGAL R		
696		3,383,637	16,589.7	6.4			01/9	MASHOUGAL R		
026		856,650	2,590.5	3.0			5/71	WASHOUGAL R		
1 16		364,900	1,651,01	4.5			6/72	MASHOUGAL R		
97.1		362,430	9,145,3	38°2			11/72	MASHOUGAL R		
972.		2,171,984	11,5685.6	5.3			7/73	MASHOUGAL R		
972.		219,880	14,242.8	2.49			11173	WASHOUGAL R		
973.		1 , 787 , 637	17,853.4	4.01	7040 1307	1307	6174	MASMOUGAL R		
973		315,504	17 . 888 . B	56.6			11/74	MASHOUGAL R		
416		191259874	6,514,5	5.00			6/15	WASHOUGAL R		
975	2, 125, 935		1,523.4	7.0			3/76	LEMIS R	WASHOUGAL R	
975		415.054	11.795.2	28.3			8676	WACHOILEAL D		

TABLE 198.--COLUMBIA BASIN- WASHINGTON
MASHOUGAL HATCHERY
RELEASE OF- GOHO SALMON.

88000	NUMBER	MUNBER	TOTAL	AVE	A S S S S S S S S S S S S S S S S S S S	DATE	RELEASE	RELEASE	RELEASE
C A A	MIGRANTS	MIGRANTS	(KGS)	FISH	FISH				
58		296, 688	3,616.5	12.1	11.5- 12.9	1- 4/60	OC.		
958		410,812	6.189.4	8 4 8	12.2- 18.8		WASHOUGAL R		
626	200,035		1.649.1	8.2		11/60	MASHOUGAL R		
626		1,183,558	14,035,5	90	9.5- 12.5	3/61	WASHOUGAL K		
096	20,000		00	0.3		19/2	MASHUUGAL K		
096	62,000	211	2.22	m	-	2/61	GOL KIVEK 2		
196		2116899	2012101	000	7	2016			
196	93,133		2000	500		79/7			
196	68,480	007	3 Ca	6.0		29/67	MASHOUGAL K		
196		0244179	0 60 36 29	0 0		16/02			
198		67/64/1	C.100.42	7 6	2 16 52 31	2763			
196	1 166 104	66666666	C - C - C - C - C - C - C - C - C - C -	200	3	3/63	WASHOUGAL R		
206	461400141	1.24k. 628	27.661.8	2000	18.1 - 28.3	3/64			
200	81.965		100	7.0		2/64			
963	200	1.344.864	32,250.0	23.9	16.7- 28.3	3/65	_		
*	30,398		72.1	2.3		29/5			
*		2,114,569	55,160.9	26.0	25.1- 26.6	4/66			
2		2,397,825	54,471,9	22.7	- 23		_		
996	1,433,454		7,277,9	5.0		2- 4/67	MASHOUGAL R		
S	984,000		3,361.6	3.7		19/9	MASHOUGAL R		
91		855,538	22,352,6	200		90/6	MASHOGEAL K		
195	20446.47			3 6		2- 4/68	183		
1961	1,032,512	817.508	46.699.h	25.2			WASHOUGAL R		
100		2000 2000	25.815.3	10.7		3/70	2 0		
900		2.768.508	69.286.9	25.8		11/4			
0.26	385,180		143.8	0.3		2/71			
0.26	1,829,980		373.3	£ .		17/2	GAL		
(3)	305,500		186.6	0.3			NO NO		
976	1,473,864		699.0	4.0		2- 3/71	B WHT SALMON R		
0	1,162,128		788.5	0.6		3/71			
970	605,000		0.664	0.8		12/4			
97.0	1,186,144		1,331.7	-			X		
970	6889313		3,878.7	403	2.3- 5.2	7- 8/71			
970		267,600	10,115,1	37.7		11/11	MASHOUGAL R		
970		2,477,280		28.3		4/12			
-	270,480		95.3	0.3		1/12	_		
1 16	240,800		195.0	0.8			HASHOUGAL R		
116		3,023,059	90,535.2	29.9	26.6- 28.3				
972	106419401		527.5	0.3		1- 2/73		WASHOUGAL K	
216	87,640		283.9	3.2		7/73			
372		3, 228, 328	81915004	25.1		5//4	_		
2	132,672		313	2.5		4//0	HASHOUGAL R		
973		3,296,704	939450	28.3		4/15	HASHOUGAL K		
97 4		2,814,448	199/6803	5007		0//*	MASHOOGAL R		

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

RELEASE	
RELEASE	
RELEASE LOCATION	HASHOUGAL R
DATE	5/73
FRANGE	
AVE. GRAM/ FISH	17.3
TOTAL	2 co co
NUMBER OF MIGRANIS	1,750
NUMBER OF SUB- MIGRANTS	9
BROOD	1958-70

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

RELEASE	
α <u>-</u> 1	
RELEASE	
RELEASE	YAKAHA R
DATE	3/76
FISH	
AVE. GRAH! FISH	4.181
TOTAL WEIGHT (KGS)	1,556.1
NUMBER OF MIGRANTS	8,580
NUMBER OF SUB- MIGRANTS	•
BROOD	1961-73

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

RELEASE

9ROOD VE AR	NUMBER OF SUB- MICRANTS	NUMBER OF MIGRANTS	TOTAL HEIGHT (KGS)	AVE. GRAN/ FISH	FIRE	DATE	RELEASE	RELEASE LOCATION	
958-66	•		•						
1961		675,800	1,855.2	2.7		6/68			
998			13,428.1	4.04		64/9			
6961			7,937,9	2.2		6/70			
1970			69488.0	3.6		6/71			
1 26 1			14,536.8	6. b		7/12			
1972			3,450.8	4.7		7/73			
1973		2,909,945	12,975,5	4.4					
4 26			14,910.0	11.6	_	6- 7/75			
975			15,971.4	4.0	4.7- 12.2	7/76	COL RIVER 6		

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

RELEASE LOCATION

BR000 VE AR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	CRANC GRAN/ FISH	DATE RELEASES	RELEASE	RELEASE	
09-656	•	- 1 Mark	•						
196		15,948	82.1	5.1		5/62	-		
2965		39,845	279.9	7.0		6/63	COL STVED 6		
963		195,986	773.8	3.9		5/64	-		
196		13,864	42.2	3.2		5/65	-		
365		165,175	574.7	3.4		5/66	667		
996		509,975	2,288.8	404	2.10 to 8	4- 5/67			
1961		1,808,711	13,230.8	7.3		5/68	_		
996		2,534,670	18,271,6	7.2		2/60			
696	9	0	-			6011	-		
026		2,305,584	19,366.6	8.3		1771			
1 16		1,317,578	19.311.7	4.6	12.50 25.6	4	O WINER O		
972	•	•	-		000	3111	COL KIVEK D		
973		107479500	56,132,1	32.1	8.2-453.5		203		
476	a	0	9						
375		897,488	7,566.8	8.4	8.2- 9.8	9119	COL RIVER 6		

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

	RELEASE						
	RELEASE						
	RELEASE				COL RIVER 6		COL RIVER 6
	DATE				11/73		1/76
	GRAMI						
20011110	AVE. GRAM/ FISH			125.9	87.2		137.4
	TOTAL WEIGHT (KGS)	•	0	4.932.4	61,819.7	•	71,475.3
	NUMBER OF MIGRANTS		63	39, 158	708,705	0	520,000
	NUMBER OF SUB- MIGRANIS		0			0	
	BROOD	1958-60	1961-70	1 25 1	1972	1973	1974

FABLE 196.--COLUMBIA BASIN- MASHINGTON RINGOLD SALMON POND - MASHINGTON DEPARTMENT OF FISH RELEASE OF- COMD SALMON.

RELEASE

RELEASE LOCATION											
RELEASE LOCATION			_	_	COL RIVER 6	_				_	COL RIVER 6
DATE			9/63	12/64	18/65	10/66		1/69	3/78	1771	2772
RANGE GRAMI FISH											
AVE. GRAM/ FISH			14.5	9.2	3.2	3.6		30.2	26.9	35.7	22.6
TOTAL WEIGHT (KGS)	•	-	518.7	793.8	518.0	468.1	9	9,725.5	5,968.4	9,438.4	3,004.1
NUMBER OF MIGRANTS	•	0	35,083	85,674	160,684	127,934	6	321,615	221,061	264,262	132,460
NUMBER OF SUB- MIGRANTS	•	0					0				
BROOD	1958-60	1961	1962	1963	1961	1965	9961	1961	1968	6961	1970

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

RELEASE	
RELEASE LOCATION	
RELEASE	COL RIVER 2 COL RIVER 8
DATE	9-10/75
T T T T T T T T T T T T T T T T T T T	18.1- 25.1
GRAM. FISH	22.22
TOTAL WEIGHT (KGS)	3,028.6
NUMBER OF MIGRANTS	36.83.83
NUMBER OF SUB- MIGRANTS	•
PE AR	1960-67 1968-73 1974 1975

TABLE 198.---COLUMBIA BASIN- WASHINGTON ROCKY REACH POND - WASHINGTON DEPARTMENT OF FISH RELEASE OF- COMD SALNON.

BROOD	NUMBER OF SUB- HIGRANIS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	FRAME	DATE	RELEASE	RELEASE	RELEASE
958-67	•	•	•						
000		54.185	982.9	1801		3/70	COL RIVER 8		
000		100,000	400	- 00		3/71	COL RIVER 8		
020		736.291	37.188.4	50.3		3/72	COL RIVER 8		
1 20		388, 125	11.736.7	30.2		5/73	COL RIVER 8		
072		571.519	18.517.8	32.3		5/74	COL RIVER 8		
1072	504-808		43504	80		7174	ICICLE R		
1073		548.492	18.565.5	33.6		5115	COL RIVER 2		
926		401.674	13.298.9	33.1		5/16	COL RIVER 8		

TABLE 199.--COLUMBIA BASIN- MASHINGTON
WELLS SALMON POND - MASHINGTON DEPARTHENT OF FISH
RELEASE OF- FALL CHINOOK SALMON.

9R00D YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRANG FISH	DATE	RELEASE LOCATION	,	RELEASE	7	RELEASE
	1 6		•								
		824,110	3,934,9	4.7		1/15		•	FINTIAT P		
		85,698	1,823.4	21.2		10/75	COL RIVER	60			
		24,665	982.5	17.9		10/76					

TABLE 200.--COLUMBIA BASIN- MASHINGTON
MELLS SALMON POND
MELLS SALMON POND
MELLS SALMON POND
RELEASE OF- SPRING CHINDOK SALMON.

RELEASE LOCATION	
RELEASE LOCATION	
RELEASE	COL RIVER 6 COL RIVER 6 COL RIVER 6 COL RIVER 8
DATE	6/75 6/75 3/76 6/76
FISH	
AL AVE. GHT GRAM/ SB FISH	50°3
MEI (KG	4.219.8 7.596.3 7.813.1 9.187.1
NUMBER OF MIGRANIS	284°708 155°824 668°398
NUMBER OF SUB-	1,842,000
BROOD	1961-56 1967-73 1974 1974 1975

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

	WEAR OF S	958-66	796	196						1261				-	
	NUMBER OF SUB- MIGRANTS													,575,000	
KELENSE UF	NUMBER OF MIGRANTS		60,946	2,877,432	2, 121,276	268,000	3,566,437	359,880	1,425,209	1,601,213	572,888	808,517	1,287,008		872,860
	TOTAL WEIGHT (KGS)		2,764.6	30417.4	9,178,9	1,665,1	9,924.6	7.401.7	3,093,0	3,680.0	9,689,4	9,483.9	4.199.B	6,676,9	15,835,8
SURVER CALNOOR SALMON	AVE. GRAM/ FISH		45.3	1.6	4.3	6.2	2.7	20.6	2.1	2.0	16.7	11.6	3.2	4.2	18.1
SAL HUN.	RANGE GRAM/ FISH														
	DATE RELEASES		6/68	6/68	69/9	6/78	6/70	17/1	11/9	6/72	6/72	6/73	6/73	6/74	41/9
	RELEASE LOCATION						100						1		COL RIVER 6
	RELEASE LOCATION														
	RELEASE														

TABLE 202.--COLUMBIA BASIN- MASHINGTON
NELLS SALMON POND
- MASHINGTON DEPARTMENT OF FISH
RELEASE OF- COHD SALMON.

RELEASE		
RELEASE LOCATION		
RELEASE	COL RIVER 8	MENATCHEE R COL RIVER 8 COL RIVER 8
DATE	11/68	9/72 5/73 5/74 5/75
RANGE GRANI FISH		
AVE. GRAM/ FISH	17.4	3.46.8
TOTAL WEIGHT (KGS)	3,316.9	362.9 13.713.0 8,334.8
NUMBER OF MIGRANTS	190.081	393,017 275,627 420,000
NUMBER OF SUB- MIGRANTS	•	63,206
BR000 YEAR	1958-66	1968-70 1971 1972 1973

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

	WE AB	ACTORING TO	200	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AVE	KANGE	DATE	RELEASE	RELEASE	RELFAS
125-475	1 7 - 7	HIGRANTS	MIGRANTS	(KGS)	FISH	FISH	RELEASES	LOCATION	LOCATION	LOCATION
137,352 7,991 57.8 57.6 137,352 60.8 7,971 3 60.8 7,971 3 60.8 7,971 3 60.8 7,971 3 60.8 7,971 3 60.8 7,971 3 60.8 7,971 3 60.8 7,971 60.4 7,971 60.4 7,971 60.4 7,971 60.4 7,971 60.4 7,971 60.4 7,971 7,971 60.4 7,971			125,475	7,635,3	60.8		8/60			
173,339 7,498.8 56.2 68.5 6			78,802	4.791.3	600		2/61			
172,332 9,964, 57,8 5,6413.3 5,64 001,879,8 133,95			133,389	7,498.8	56.2		2/62			
S27-590 S27-593 S7-75-9 S5.5-113.3 S5.6-113.3			172,352	9,96401	57.8		5762			
339-539 339-539 37-759-9 77-7 55-5-113-3 4-5-55 50-8 REVER 138-529 57-759-9 57-			297,186	14,202.0	68.5		2010			
\$ 27,900 640,451 65.8 50.9 50.7 55.5 60.0 RIVER 6.0			392,539	27,759,9	7007	56.6-113.7	40 10 10 10			
STATE STAT			138,620	6,799.3	69.2	61.2° 64.7				
27,900 669,765 9103.1 96.3 91.3 64.7 4-5/66 00L RYUER 175,906 11.557.2 66.8 91.3 64.7 4-5/66 00L RYUER 175,906 11.557.3 67.2 55.6-90.7 4-5/66 00L RYUER 175,906 11.553.3 67.2 55.6-90.7 4-5/66 00L RYUER 175,000 175,906 11.553.3 67.2 55.6-90.7 4-5/66 00L RYUER 175,000 17			634,664	38.349.8	600	50.30 75.5				
27,900 640,451 40,661,4 65,6 65,6 67,7 4-5766 WIND R F I I I I I I I I I I I I I I I I I I			88.765	5.003	200					
17.900 1			33.075	- 646	2000					
558-965 11-83-3-3 57-2 55-5-91-7 4-5/67 COL RIVER RICKITAT R F5-966 11-83-3-3 57-2 55-5-91-7 4-5/67 COL RIVER RICKITAT R F5-86 54-591-8 54-591-8 F5-50 COL RIVER RICKITAT R F5-86 F5-50 COL RIVER RICKITAT R F5-86 COL RIVER F5-50 COL RIVER COL RIVER F5-50 COL RIVER COL RIVER F5-50 COL RIVER COL RIVER F5-50 COL RIVER COL RIV		1	215 450	200	000			MIND &		
175,900 19,900 19,000			127 675	C-850	300		-	LEHIS R		
ST ST ST ST ST ST ST ST			10000000	4000000	500	. 3		COL RIVER !		
172,202 12,606 13,60 10,1 10,00 10,1 10,00 10,1 10,00 10,1 10,00 10,1 10,00 10,1 10,00 10,1 10,00 10,1 10,00 1			17.79.300	200000	2019	9.0		WIND &		
27,500 12,102 12,985, 13,5 56,5 90,7 4-5,68 KILCKITAT R 10,68 LEHIS R 10,69 COL RIVER 1 10,69 COL			2000 200	いっているかり	000					
696,611 42,7919 614 56.6-75.5 4-569 KIND R 123,180 7,212-1 58.5 50.3-75.5 4-569 KIND R 18,180 7,212-1 58.5 50.3-75.5 4-569 KIND R 18,180 7,212-1 58.5 50.3-75.5 4-569 KIND R 190,500 69,148 42.941.6 64.1 50.3-75.5 4-5770 COL REVER I 190,500 69,148 42.941.6 64.1 50.3-75.5 4-5770 COL REVER I 106,350 649,584 40,783.9 62.7 4-5770 COL REVER I 11,780 72,869 56.642.3 76.2 4-5772 COL REVER I 25,974 26,939 16,752.6 6.4 4-5772 COL REVER I 25,974 26,939 16,752.6 6.4 4-5772 COL REVER I 26,974 72,7152.4 71.7 76.2 4-5773 COL REVER I 26,974 72,7152.4 71.7 76.2 4-5773 COL REVER I 11,696 63,37.3 76.5 4-5774 COL REVER I 11,696 63,37.3 76.5 4-5775 COL REVER I 11,696 63,37.3 76.5 4-5775 COL REVER I 11,696 63,37.3 76.5 4-5775 COL REVER I 11,696 63,37.3 76.5 76.5 76.5 64.5 775 COL REVER I 11,696 63,37.3 76.5 76.5 76.5 64.5 775 COL REVER I 11,696 63,37.3 76.5 76.5 76.5 64.5 775 COL REVER I 11,696 63,37.3 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5		27.500	7074711	16989621	73.6	6.5- 90		AT		
63,000				3000	1 8 1		10/68	LENIS R		
123,180			1196969	-	4.19	-		COL RIVER !		
10.50 10.5			3, 18	7,212,1	58.5	1		WIND R		
10 10 10 10 10 10 10 10		20000		381.0	6.0		10/69	LEWIS R		
19.8 19.8 19.7 25.8			1169482	54,299.5	6 % 6 9	5.3- 90		COL RIVER !		
10,500 669,146 42,941.6 64.1 50.3-75.5 4-577 COL RIVER 1 10,500 544.3 6.9 5.6 6.2 7 5.6 6.2 7 COL RIVER 1 177 CHIS R 1 1 1 1 1 1 1 1 1			241679	50174.2	2.69			KLICKITAT R		
78,000 649,584 40,753.9 64.9 50.3-75.5 4-5/71 COL RIVER 116,350 649,584 40,753.9 66.7 11/71 LENIS R 147,000 723,689 56.642.3 76.2 6.4 11/72 COL RIVER 187,000 723,689 56.642.3 76.2 6.4 11/72 COL RIVER 188,642.3 76.2 6.4 11/7. COL RIVER 188,642.3 76.3 6.4 11/7. COL RIVER 188,642.3 76.4 11/7. COL RIVER 188,643.4 76.4 11/7. COL RIVER 188,643.5 6.4 11/7. COL RIVER 188,643.4 76.4 11/7. COL RIVER 188,643.4 76.4 11/7. COL RIVER 188,643.4 76.4 11/7. COL RIVER 188,644.5 76.4 11/7. COL RIVER 188,645.5 76.5 11/7. COL RIVER				5.061	200		10/70	COL RIVER !		
186,350 649,584 40,763.9 62.7 1177 LEMIS R 186,350 649,584 40,763.9 62.7 1177 LEMIS R 197,2		-	Ω	00 146 624	54.	0.3- 75.		COL RIVER !		
177 LEMIS R 1972 1972 1972 1972 1972 1972 1972 1972 1972 1972 1972 1972 1972 1972 1972 1972 1972 1972 1972 1973 1972 1972 1972 1972 1973 1972		9		200	6.0		12/6	LEWIS R		
167,800 723,859 56,642,3 76,2 4-5/72 50 RIVER 1 1 1 1 1 1 1 1 1		5		90 190	5.6		11/21	LEWIS R		
10.72 COL RIVER 1 10.75 COL RIVER 1 10.7		17.7 000	2	5000000	1079					
25,974		2024744		952.5	4.9		10/72			
25.974 248.339 16.252.2 67.6 4-5/74 ELUKONIN R 99773 7.152.4 77.1 7 4-5/74 ELUKONIN R 108.672 7.152.4 77.1 7.7 4-5/74 ELUKONIN R 108.672 7.153.4 77.2 70.2 4-5/74 GOL RIVER I LEWIS R 11.696 80.337.8 74.6 60.7 4-5/74 GOL RIVER I LEWIS R 105.501 7.599.9 72.0 4-5/75 CONLITZ R 100.7 10.8 10.9 10.9 10.9 10.9 10.9 10.9 10.9 10.9			123,859	56,642,3	78.2			COL RIVER 1		
240.339 16.252.2 67.6 4-5/74 LEWIS R ELOKOMIN R H 106.672 7.4710.7 60.7 4-5/74 LEWIS R ELOKOMIN R H 106.672 7.4710.7 60.7 4-5/74 COL RIVER I LEWIS R 111.696 80.337.8 74.6 4-5/75 LEWIS R 75.99 72.0 72.0 4-5/75 COL RIVER I ELOKOMIN R 60.337.8 72.0 72.0 4-5/75 COL RIVER I ELOKOMIN R 60.307.8 72.0 72.0 72.0 72.0 72.0 72.0 72.0 72.0		25,974		530.7	28.4			NINO		
99.773 7,155.4 71.7 4-5/74 ABERNATHY CR ELOKOMIN R 108.672 2,837.2 70.2 4-5/74 GOL RIVER I LEMIS R 111.696 8.337.8 74.6 4-5/75 LEMIS R 97.372 6,996.7 71.8 4-5/75 COMLITZ R TOUTLE R 40.084 2,950.6 73.6 4-5/75 GOMLITZ R TOUTLE R 105.501 7.599.9 72.0 4-5/75 GOMLITZ R TOUTLE R 19.710 1.220.2 61.9 78.1 4/75 ABERNATHY CR GOL RIVER I 19.710 1.220.2 61.9 78.1 4/75 SCSTL MASH 195.859 15.771.4 80.5 4-5/76 COMLITZ R TOUTLE R 106.081 8.035.4 76.4 4-5/76 ABERNATHY CR GOL RIVER I 106.081 3.555.2 75.5 64-5/76 MASHOUGAL R 106.081 3.555.2 75.5 64-5/76 GOL RIVER I 106.081 3.555.2 75.5 64-5/76 GOL RIVER I			248,339	16,252,2	67.6					
106.672			99,773	7. 155.4	7107			>		
## ## ## ## ## ## ## ## ## ## ## ## ##			108,672	7.470.7	68.7					CKAYS K
			40,402	2,837,2	70.2			SCOTI LANGE	LENIS R	MASMOUGAL
97.372 6.996.7 71.8 4-5775 COLLIZ R TOUTLE R 105.501 7.599.9 72.0 4-5775 COLLIZ R ELOKOMIN R 19.710 1.220.2 61.9 73.6 4-755 GOL RIVER I ELOKOMIN R 29.670 2.317.9 78.1 6775 ABERNATHY CR COL RIVER I 17.503 8.257.6 75.6 4-5776 KALAMA R LEMIS R 107.602 8.257.6 75.6 4-5776 KALAMA R LEMIS R 107.603 8.035.4 60.3 4-5776 ABERNATHY CR COL RIVER I 47.210 3.553.4 76.4 4-5776 ABERNATHY CR COL RIVER I 47.210 3.555.2 75.5 4-5776 KALAMA R GRAYS R 4.5776 10.601 1			111,696	8,337,8	7406			COLUMN TO COLUMN		
105-501 7-599-9 72-0 4-5/75 COL RIVER ELOKOMIN R 19-710 1-220-2 51-9 5/75 ABERNATHY CR COL RIVER ELOKOMIN R 19-710 1-220-2 51-9 78-1 4/75 SCSTL WASH CR COL RIVER 195-859 15-771-4 80-5 6-5/76 4-5/76 COLLITZ R TOUTLE R 4-5/76 ABERNATHY CR COL RIVER 196-884 3-583-4 76-4 4-5/76 ABERNATHY CR COL RIVER 197-809 3-592-3 83-8 83			97,372	6,996.7	7108			COM THE D	1	
40.084 2.950.6 73.6 4.75 MASHOUGAL R ELOKOMIN R 19.710 1.220.2 61.9 73.6 4.75 MASHOUGAL R COL RIVER I 195.859 15.771.4 80.5 4.75 SCSTL MASH LEMIS R 107.662 8.257.6 75.6 4.5776 KALAMA R 108.081 8.035.4 60.3 4.5776 MASH CR COL RIVER I 4.5776 MASH CR COL RIVER I 4.5.786 884 3.583.4 76.4 4.5776 MASHOUGAL R GRAYS R 4.5776 CCT I 4.5 884 3.592.3 83.8 83.8 83.8 83.8 83.8 83.8 83.8 8			105,501	7.599.9	72.0					
19-710	I		40,084	2,950.6	73.6					GRAYS R
29.670 2.317.9 78.1 47.5 SCSTL MASH LEHIS R 107.682 8.257.6 76.6 4.5776 KALAMA R LEHIS R 108.081 3.583.4 76.4 4.5776 MASHUGAL R COL RIVER 14.576 884 3.583.4 76.4 4.5776 MASHUGAL R COL RIVER 13.655.2 75.5 4.5776 MASHUGAL R COL RIVER 13.0.914 2.592.3 83.8	x		19,710	1,220,2	0 0		5/15			
195.859 15.771.4 80.5 4-5776 KALAMA R LEHIS R 107.682 8.257.6 75.6 4-5776 CONLITZ R TOUTLE R 46.884 3.583.4 76.4 4-5776 MASHOUGAL R COL RIVER 1 47.210 3.555.2 75.5 4-5776 COL RIVER 1 GRAYS R 2.592.3 83.8	K		29,670	2,317,9	78.1		2000	SCOTI LAGE	COL KIVEK	
107-682 8,257-6 75-6 4-5/76 CONLITZ TOUTLE R 106-081 8,035-4 80-3 4-5/76 ABERNATHY CR COL RIVER I 46-884 3,583-4 76-4 4-5/76 MASHOUGAL R 47-210 3,565-2 75-5 4-5/76 COL RIVER I GRAYS R 30-914 2,592-3 83.8	I		195,859	15,77104	80.5			KAL SMB DO	0 0	
106.081 8.035.4 80.3 4-5/76 ABERNATHY CR COL RIVER I 46.884 3.583.4 76.4 4-5/76 AASHOUGAL R 47.210 3.565.2 75.5 4-5/76 COL RIVER I 30.914 2.592.3 83.8 4.75	240		107,682	8.257.6	75.6			COMPANY OF	CENTS X	
46,884 3,583.4 76.4 4-5/76 MASHOUGAL R COL KIVEN I 47,210 3,565.2 75.5 4-5/76 GOL RIVER I GRAYS R 30,914 2,592.3 83.8	æ		106,081	8 035 b	S C C C C C C C C C C C C C C C C C C C			¥ 3	TOULE R	
47.210 3,555.2 75.5 4-5776 MASHUGAL R GRAYS 30,914 2,592.3 83.8 47.76 CCCT. RIVER 1 GRAYS	ж		469884	30.50	76.4				COL RIVER	ELOKOMIN
30.914 2.592.3 63.6 CONT. MACH	x		47,210	3,565,2	75.5					
2000	x		6	2,592,3	(M)			SCOTI WASH		

TABLE 204. -- COLUMBIA BASIN- MASHINGTON

	RELEAS													
	RELEASE LOCATION													
GAME	RELEASE LOCATION	COL RIVER !	COL RIVER I	ELOKOMIN R	FLOKOMIN R									
RTHENT OF	DATE	1975	5/63	2/64	5765	2/66	2167	2/68	69/5	5/78	5/71	5/72	5/73	5/74
BEAVER CREEK HATCHERY - WASHINGTON DEPARTMENT OF GAME RELEASE OF- SEARUN CUTTHROA TROUT	SRAN/ SRAN/ FISH	50.3- 56.6				64.7- 75.5		75.5-113.3	75.5-113.3	98.7-113.3	64.7-113.3	90.7-113.3	113.3-226.7	
CUTTHRO	GRAN. FISH	51.5	57.4	54.9	71.7	73.4	1.06	96.5	96.5	96.5	7.86	113.3	151.2	113.4
SEEK HATCHE	TOTAL WEIGHT (KGS)	353.3	366.5	4,533.7	6,162,5	3,050.4	18,833.6	11,700.4	3,418.1	4,825.3	3,639,6	2,588.2	4.076.4	6.89.9
BEAVER (NUMBER OF MIGRANTS	6,858	6,383	82,528	85,983	41,505	119,421	121,235	35,336	49,998	40,120	22,825	26,960	A. 328
	NUMBER OF SUB- MIGRANTS	6	,											
	BROOD	0961	1962	1963	1961	1965	1966	1867	9961	6961	1970	1 26 1	1972	1073

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

NUMBER TOTAL AVE, RANGE DATE RELEASE LOCATION LOCATION NIGRANTS (KGS) FISH FISH FISH RELEASE LOCATION LOCATION 122,628 996.7 40.0										
22,628 906.7 40.0 576.2 COL RIVER 6 156.9 COL RIVER 8 156.9 COL RIVER 8 5.64 COL RIVER 8 156.9 COL RIVER 8 5.64 COL RIVER 8 5.65 COL RIVER 8 5	NOW WORK	ER TANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAN FISH	OATE		RELEASE	RELEASE
22,626 69 6.7 40.0 5.2- 6.6 10.8 TUVER 8 136,926 10.3774 49.6 6.4 6.2- 6.6 1.65 COL RIVER 8 2.24,669 10.3774 40.0 6.1- 21.6 1.65 COL RIVER 8 2.24,669 10.3774 40.0 6.1- 21.6 1.65 COL RIVER 8 2.24,669 10.3774 40.0 6.1- 21.6 1.65 COL RIVER 8 2.24,669 10.3774 40.0 6.1- 21.6 1.65 COL RIVER 8 1.65 CO		•	9	•						
136,926 6,796,0 43.6 5,65 50L RIVER 6 136,926 6,796,0 6,96 10,333,4 46.0 6,4 6,2 6,6 1/65 50L RIVER 6 12,96 50L RIVER 6 12,96 50L RIVER 6 1,96 50L RIVER 6 5,16		6.	22, 628	906.7	40.0		5/62			
136,920 6,790.0 49.6 6.2 - 6.6 5/64 COL RIVER 8 224,669 10,337.4 4.6.0 6.1 - 20.6 1/65 COL RIVER 8 219,823 11,176.3 510.9 6.1 - 20.6 1-12/66 COL RIVER 8 290.676 15,124.6 75.3 56.5 - 91.7 4-5/67 COL RIVER 8 155.409 10,316.1 5.3 56.5 - 91.7 4-5/67 COL RIVER 8 155.409 10,316.1 5.3 56.5 - 91.7 4-5/67 COL RIVER 8 215.409 11,1816.1 72.9 56.5 - 91.7 4-5/67 COL RIVER 8 216.409 11,1816.1 7.9 7.5 6.5 91.7 4-5/67 COL RIVER 8 216.409 11,1816.1 7.9 7.5 6.2 12/71 COL RIVER 8 216.409 11,616.1 7.9 7.5 6.2 12/71 COL RIVER 8 216.409 12,191 7.9 7.5 6.2 12/71 COL RIVER 8 216.409 7.5 7.5 7.5 7.5 7.7 COL RIVER 8 216.409 7.5 7.5 7.5 7.7 COL RIVER 8 216.409 7.5 7.5 7.7 7.7 COL RIVER 8 216.409 7.5 7.5 7.5 7.7 COL RIVER 8 316.409 7.5 7.5 7.5 7.5 7.7 COL RIVER 8 316.409 7.5			47,574	2,084.7	43.8		5/63	COL RIVER 8		
224,669 10,337.4			136,920	6,798.0	49.6		5/64	COL RIVER 8		
28,569 10,337.4 46.0 6.1-20.6 1-12/66 COL RIVER 8 5/65 COL RIVER 8 6/65 COL RIVER 8 15/65 COL RIVER 8 16/65	2	5,217		167.8	6.4		1/65			
219,823 11,178.3 59.6 5.1 - 20.6 COL RIVER 8 5.6 6.0 RIVER 8 6.5 6.0 6.7 RIVER 8 6.5 6.0 RIVER 8 6.5 6.0 8.7 4-5/67 COL RIVER 8 6.7 8.7 7.1 13.5 17.0 RIVER 8 6.5 6.5 90.7 4-5/69 COL RIVER 8 121.5 17.0 RIVER 8 121.7 COL RIVER 8 121.5 17.0 RIVER 8 121.5 17.0 RIVER 8 121.7 COL RIVE			224,669	10,337.4	46.0		5/65			
219,823 11,178,3 50,8 15,56 COL RIVER 8 15,66 COL RIVER 8 15,68 6 6 6 6 COL RIVER 8 15,69 8 1,124,6 5 5,3 5,65 99,7 4-5/67 COL RIVER 8 15,69 6 6,99 1 19,306,1 52,7 37,7-99,7 4-5/68 COL RIVER 8 215,59,1 72,9 56,5-99,7 4-5/68 COL RIVER 8 131,5 17,9 17,9 12,14 17,9 18,124,6 75,3 56,5-99,7 4-5/68 COL RIVER 8 121,1 121,1 7,9 38 17,7-113,3 4-5/70 COL RIVER 8 17,7 10,0 RIVER 8	2	7,168		298.5	10.9		1-12/66			
280,676 5,124,6 75,3 56,6 91,7 4-5/67 COL RIVER 8 195,40 10,306.1 52,7 37,7 91,7 4-5/67 COL RIVER 8 195,40 10,306.1 52,7 37,7 91,7 4-5/68 COL RIVER 8 217,80 10,306.1 52,7 37,7 91,7 4-5/68 COL RIVER 8 217,80 11,616.1 56,5 37,7 113,3 4-5/69 COL RIVER 8 217,1 11,616.1 56,5 37,7 113,3 4-5/69 COL RIVER 8 212,7 11,616.1 56,5 37,7 113,3 4-5/70 COL RIVER 8 212,7 17,4 17,4 12,7 COL RIVER 8 212,7 16,079.8 75,5 65,5 65,7 64,7 91,7 COL RIVER 8 217,7 COL RIVER 8 COL RIVER			219,823	11,9178,3	50.8		97/9	COL RIVER 8		
200,676 5,124,6 75,3 55,6 - 90.7 4-5/67 COL RIVER 8 195,409 10,306.1 52.7 37.7 10,68 COL RIVER 8 215,5 216,4 316,6		8, 120		65.8	6.1		12/67	COL RIVER 8		
195,409 10,406.1 52.7 37.7 - 90.7 4-5/68 COL RIVER 8 207,875 15,159.1 72.9 56.6 - 90.7 4-5/68 COL RIVER 8 208,921 11,616.1 56.5 37.7 - 113.3 4-5/70 COL RIVER 8 216,159.1 7.9 7.5 - 8.2 1.7 COL RIVER 8 216,159.1 7.9 7.5 - 8.2 1.7 COL RIVER 8 217,10 COL RIVER 8 1.7 218,163.1 1.5 1.5 1.5 1.5 218,230 1.7 1.5 1.5 1.5 1.5 218,230 1.3 1.5 1.5 1.5 31,50 1.5 1.5 1.5 31,50 1.5 31,50 1.5 1.5 31,50			200,676	15,124.6	75.3	-				
195,409 10,306.1 52.7 37.7 - 90.7 4-5/68 COL RIVER B 215.5 21.4 18.1 - 34.6 4/69 WENATCHEE R 131.5 17.0 56.5 - 90.7 4-5/79 COL RIVER B 121.1 7.9 56.5 - 90.7 4-5/70 COL RIVER B 27.7 COL RIVER B 2	2	22,288		156.8	6.9		-			
207.875 55.5 21.4 18.1 34.8 4/69 HENATCHEE R 208.921 72.9 56.6 90.7 4-5/69 COL RIVER 8 218.5 17.0 7.0 7.5 6.5			195,409	10,306.1	52.7	-		COL RIVER 8		
208,921 11,816.1 56.5 90.7 4-5/69 COL RIVER 8 121.1 121.5 17.0 37.7-113.3 4-5/70 COL RIVER 8 121.1 121.1 121.1 12.1 13.1 1	-	0,065		215.5	21.4			WENATCHEE R		
208,92 ,916,1 56.5 37.7- 3.3 4-5/70 COL RIVER 8 202,728 ,668,7 57.5 45.3- 56.6 4/7 COL RIVER 8 212,143 ,668,7 57.5 45.3- 56.6 4/7 COL RIVER 8 212,143 ,668,7 57.5 64.7- 91.7 4/72 COL RIVER 8 217,936 ,7286,4 79.3 64.7- 91.7 4/72 COL RIVER 8 217,936 ,7286,4 79.3 64.7- 91.7 4/72 COL RIVER 8 218,230 ,292,2 67.5 64.7- 91.7 4/75 COL RIVER 8 218,230 ,3764,3 76.7 64.7- 91.7 4/75 ENTIAT R 149,553 ,49,553 ,591,6 77.5 149,553 ,49,61 23.9 149,553 ,49,61 23.9 149,553 ,49,61 23.9 149,553 ,49,61 23.9 149,553 ,49,61 23.9 149,553 ,49,61 23.9 149,553 ,49,61 23.9 149,553 ,40,61 23.9 149,553 ,40,61 23.9 149,553 ,40,61 23.9 149,553 ,40,61 23.9 149,553 ,40,61 23.9 149,553 ,40,61 23.9 149,553 ,40,61 23.9 140,61 ,40,61 140,61 ,40,61 140,61 ,40,61 ,40,61 140,61 ,40,61 ,40,61 140,61 ,40,61 ,40,61 140,61 ,40,61 ,40,61 140,61 ,40,61 ,40,61 140,61 ,40,61 ,40,61 140,61 ,40,61 ,40,61 ,40,61 140,61 ,40,61 ,40,61 ,40,61 140,61 ,40,61 ,40,61 ,40,61 ,40,61 140,61 ,40,6			207,875	15,159.1	72.9			COL RIVER 8		
202,728 11,616,1 56,5 37,7-113,3 4-5/70 COL RIVER 8 202,728 11,668,7 57,5 45,3-56,6 4/71 COL RIVER 8 64,9 8,5 57,5 45,3-56,6 4/71 COL RIVER 8 212,143 16,079,8 75,7 64,7-91,7 4/72 COL RIVER 8 217,936 17,286,4 79,3 64,7-91,7 7/72 COL RIVER 8 217,936 17,286,4 79,3 64,7-91,7 4/73 COL RIVER 8 211,715 14,292,2 67,5 44,7-91,7 4/73 COL RIVER 8 184,230 13,764,3 74,7 64,7-91,7 67,4 67,4 67,4 67,4 67,4 67,4 67,4 67		7,700		131.5	17.0		2/70	COL RIVER 8		
202,728 121.4 7.9 7.5 8.2 1270 COL RIVER 8 277.4 17.4 17.4 27.5 45.3 56.6 4.71 COL RIVER 8 64.9 8.5 17.4 17.4 12.71 COL RIVER 8 17.4 17.4 17.4 17.4 17.5 17.4 17.5 17.5 17.6			208,921	11,816,1	56.5	37.7-113.3		COL RIVER 8		
202,728 11,668.7 57.5 45.3 56.6 4/7! COL RIVER 8 64.9 8.5 17.4 12.7 1 COL RIVER 8 215.9 17.4 2.7 50.0 RIVER 8 212,143 16,079.8 75.7 64.7 90.7 4/72 COL RIVER 8 217,938 17,286.4 79.3 64.7 90.7 4/73 COL RIVER 8 217,938 17,286.4 79.3 64.7 90.7 4/73 COL RIVER 8 211,715 14,292.2 67.5 18.8 1774 COL RIVER 8 197.3 6.2 67.5 67.5 67.7 4.7 60. RIVER 8 184.230 13,764.3 74.7 4.5 67.7 67.7 67.4 67.7 60. RIVER 8 149,553 11,591.6 77.5 17.5 14.591.6 77.5 17.5 60. RIVER 8 14,76 COL RIVER 8 14,77 6 COL RIVER 8 14,77 6 COL RIVER 8 14,77 6 COL RIVER 8 14,75 6.2 67.5 67.5 67.5 67.5 67.5 67.5 67.5 67.5	-	5,199		121.1	7.9	7.5- 8.2	12/70	COL RIVER 8		
212,123 11,668.7 57.5 45.3-56.6 4/7! COL RIVER 8 215.9 17.4 6.5 5.6 4/7! COL RIVER 8 215.9 17.4 64.7-91.7 7/72 COL RIVER 8 217,936 17,286.4 79.3 64.7-91.7 7/72 COL RIVER 8 217,936 17,286.4 79.3 64.7-91.7 7/72 COL RIVER 8 211,715 14,292.2 67.5 64.7-91.7 4/73 COL RIVER 8 184,230 13,764.3 74.7 4-5/75 ENTIAT R 149,553 11,591.6 77.5 7.5 64.76 COL RIVER 8 4,776 COL RIVER 8 4,776 ENTIAT R 44,776 ENTIAT R	-	5,730		274.4	17.4		2/71	COL RIVER 8		
212,143 16,079.8 75.7 64.7-90.7 4/72 COL RIVER 8 212,143 16,079.8 75.7 64.7-90.7 4/72 COL RIVER 8 217,938 17,286.4 79.3 64.7-90.7 4/73 COL RIVER 8 217,938 17,286.4 79.3 64.7-90.7 4/73 COL RIVER 8 211,715 14,292.2 67.5 64.7-90.7 4/75 COL RIVER 8 184,230 13,764.3 74.7 4.5 COL RIVER 8 4,746 ENTIAT R 149,553 11,591.6 77.5 14.76 ENTIAT R 147,6 COL RIVER 8 147,6 ENTIAT R			202,728	11,668.7	57.5		4/71	COL RIVER 8		
212,143 16,079.8 75.7 64.7-90.7 4/72 COL RIVER 8 210.9 6.3 64.7-90.7 4/72 COL RIVER 8 217.938 17.286.4 79.3 64.7-90.7 4/73 COL RIVER 8 217.938 17.286.4 79.3 64.7-90.7 4/73 COL RIVER 8 211.715 14.292.2 67.5 64.7-90.7 4/75 COL RIVER 8 197.3 6.2 4/74 ENTIAT R 197.3 74.7 64.7 COL RIVER 8 4.76 ENTIAT R 4.76 ENTIAT R 149.553 11.591.6 77.5 61.75 60.0 RIVER 8	7-0	7,579		6.49	8.5		12/71	COL RIVER 8		
212,143 16,079.8 75.7 64.7-90.7 4/72 COL RIVER B 210.9 6.3 17.0 16.7-17.4 12/72 COL RIVER B 217,938 17,286.4 79.3 64.7-90.7 4/73 COL RIVER B 217,938 17,286.4 79.3 64.7-90.7 4/74 ENTIAT R 197.3 6.2 4/74 ENTIAT R 184,230 13,764.3 74.7 4/76 ENTIAT R 149,553 11,591.6 77.5 4/76 WENATCHEE R 434.1 23.9 12/76 COL RIVER B	-	2,376		215.9	17.4		2/12	COL RIVER 8		
210.9 6.3 7772 COL RIVER 8 217.938 17.286.4 79.3 64.7-91.7 473 COL RIVER 8 217.7 18.8 47.7 COL RIVER 8 217.7 18.8 47.7 COL RIVER 8 17.4 COL RIVER 8 17.5 14.292.2 67.5 4.7 COL RIVER 8 184.230 13.764.3 74.7 4-5/75 ENTIAT R 149.553 11.591.6 77.5 47.6 HINATCHEE R 149.553 13.591.6 77.5 12.7 COL RIVER 8			212,143	16,079,8	75.7		4/72	COL RIVER 8		
217,936 17,286,4 79,3 64,7-91,7 GOL RIVER 8 217,936 17,286,4 79,3 64,7-91,7 4/73 GOL RIVER 8 217,715 14,292,2 67,5 64,7-91,7 GOL RIVER 8 197,3 6,2 67,4 GOL RIVER 8 184,230 13,764,3 74,7 4-5/75 ENTIAT R 149,553 11,591,6 77,5 4/76 WENATCHEE R 149,553 11,591,6 77,5 12/76 GOL RIVER 8	m	3,015		210.9	6.3		7/12	COL RIVER 8		
217,936 17,286,4 79,3 64,7-90,7 4/73 COL RIVER 8 211,715 14,292,2 67,5 64,7-90,7 4/74 ENTIAT R 197,3 6,2 6/74 COL RIVER 8 184,230 13,764,3 74,7 4-5/75 ENTIAT R 149,553 11,591,6 77,5 4/76 MENATCHEE R 149,553 11,591,6 77,5 12/76 COL RIVER 8	2	9,975		512.1	17.0		12/72	COL RIVER 8		
211,715 14,292.2 67.5 4,774 ENTIAT R ICICLE R 197,3 6.2 6,74 COL RIVER 8 184,230 13,754,3 74,7 4-5/75 ENTIAT R WENATCHEE R 149,122 3,996,1 90.5 4/76 ENTIAT R 149,553 11,591.6 77.5 (2/76 COL RIVER 8			217,938	17,286,4	79.3		4173	COL RIVER 8		
211,715 14,292,2 67,5 4,774 ENTIAT R ICICLE R 197,3 6,2 6,74 COL RIVER 8 184,230 13,754,3 74,7 4-5/75 ENTIAT R WENATCHEE R 144,122 3,996,1 90,5 4/76 ENTIAT R 149,553 11,591,6 77,5 4/76 WENATCHEE R 12/76 COL RIVER 8	-	8,992		207.7	6000		1774	COL RIVER 8		
197.3 6.2 6.74 COL RIVER 8 WENATCHEE R 44,122 3,996.1 90.5 4.76 ENTIAT R WENATCHEE R 44,122 3,996.1 90.5 4,76 ENTIAT R 44,125 11,591.6 77.5 (4,76 WENATCHEE R 434.1 23.9 (2,76 COL RIVER 8			2119715	14,292,2	67.5		4774	ENTIAT R		WENATCHEE R
184,230 13,764,3 74,7 4-5/75 ENTIAT R HENATCHEE 44,122 3,996,1 90,5 4/76 ENTIAT R 149,553 11,591,6 77,5 6,776 MENATCHEE R 12/76 GOL RIVER 8	m	31,320		197.3	6.2		6/74			
44,122 3,996.1 90.5 4/76 ENTIAT R 149,553 11,591.6 77.5 4/76 WENATCHEE R 434.1 23.9 12/76 GOL RIVER 8			184,230	13,754.3	7407					
149,553 11,591.6 77.5 4776 WENA			46,122	3,996.1	90.5					
434.1 23.9 12/76 COL			149,553	11,591.6	77.5		4/76	-		
	-	8,158		43401	23.9		12/76			

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

RELEASE LOCATION

RELEASE																						
RELEASE LOCATION		-		_			_	-	COL RIVER 7	_	_	_	_				_		_	_		COL RIVER 7
DATE		19/5	29/6	4/62	10/62	5/63	8/63	5/64	29/5	10/65	2167	4- 6/68	69/5 -4	81/4	4/71	12/4	10/71	4/72	9-10/72	5/13		1/16
SRANGE SRAN/ FISH																						
AVE. GRAM/ FISH		48.1	56.3	64.8	3.0	34.9	37.7	45.1	6.94	2.5	47.3	34.2	52.0	56.6	53.3	53.3	4.5	75.5	5.7	7.06		2.0
TOTAL WEIGHT (KGS)	•	3,548.9	5,159.6	716.7	136.1	4,080.1	357.4	3,456.4	4,185.8	35.4	4.106.4	2,946,1	1,916.4	2,555.1	1,623,9	1,057.3	80.3	2,560.5	34.4	4,374.9	•	47.2
NUMBER OF MIGRANTS	•	73,769	91,525	11,860		116,880	9,720	76,615	87,440		86,697	86,090	36,805	45,240	30,430	20,000		33,870		48,220	9	
NUMBER OF SUB- MIGRANTS	•	4			44,580					13,650							17,770		14.720		0	22,672
98000 YEAR	6 5 6 1	S 0961	M 1961	M 1961	1962 S	1962 S	1962 S	1 963 S	S 4961	S 5961	S 9961	S 2961	2 896	S 6961	S 0261	S 0261	S 1261	S 1261	S 2461	1972 S	1973-75	S 916

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

TABLE 208.--COLUMBIA BASIN- WASHINGTON COMLITZ TROUT HATCHERY - MASHINGTON DEPARTMENT OF GAME RELEASE OF- SEARUM CUTTHROA TROUT

TABLE 209.---COLUMBIA BASIN- WASHINGTON GOLDENDALE HATCHERF - WASHINGTON DEPARTMENT OF GAME Release of- Steelmead trout.

BROOD Ve ar	NUMBER OF SUB- MICRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM! FISH	FRANGE	DATE	RELEASE	RELEASE	RELEASE
S 656		14,000	1,156.7	82.6		5/68	KLICKITAT R		
S 096		99468	390.1	41.2		19/5	KLICKITAT R		
S .196		31,755	1,315.4	4014		5/62	KLICKITAT R		
962.	0	0							
S 296		153,660	10,632,2	69.1		5/64	KLICKITAT R		
S 496		120,276	4. 794.B	39.8		29/6	KLICKITAT R		
965. S		122,748	6,578.3	53.5		2/66	KLICKITAT R		
S 996		111,286	8.486.9	75.5		4- 5/67	KLICKITAT R		
S 996		65,000	3,685.4	56.6		4- 5/67	HIND R		
S 196		172,200	13,018,1	75.5		4- 5/68	KLICKITAT R		
96 B S		182,889	60 173.4	68.4	56.6- 64.7	4- 5/69	KLICKITAT R		
968 S		862.69	3,569.8	51.1		4- 5/69	WIND &		
S 696		172,618	10,899.8	63.0		4- 5/70	KLICKITAT R		
S 016		92°283	6,307.2	68.4	64.7 - 75.5	12/4	KLICKITAT R		
2 079		380000	2.247.5	7607	64.7- 75.5	12/7	WASHDISAL		

TABLE 210.--COLUMBIA BASIN- WASHINGTON
HOSSYROCK HATCHERY - WASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELMEAD TROUT.

	RELEASE										
	RELEASE										
	RELEASE		COMLITZ R	COMLITZ R		COMLITZ R		CONLITZ R	NCSTL WASH	S PUGT SND TRB	C DIET CAN TOR
	DATE			69/9		6/72			4- 5/75		
	RANGE GRAM/ FISH										
STEEL WEAD TROUT.	AVE. GRAM/ FISH		7.5	4.0		6.8		80.00	63.5	113.4	2
	TOTAL MEIGHT (KGS)		9.1	.0	ca	36.7	G	45.4	1,528,6	453.6	2-122 B
RELEASE OF-	NUMBER OF MIGRANTS	6			•				24,868	4.000	27. S.A.
	NUMBER OF SUB- MIGRANTS	0	1,200	22,880	•	40,500	0	54,800			
	BROOD	19-6561	S 8961	M 6961	1970-71	1972 H	1973	H 4/61	H # 161	M 4261	1075

TABLE 211.---COLUMBIA BASIN- WASHINGTON Mossyrock Hatchery - Washington Department of Game Release of- Searun Cutthroa Trout

	PEAR O	99-65	1965	99	99	. 19	.28	69	69	70	70	71	72	73	7.4	74	74	75	75
	NUMBER OF SUB- MIGRANTS	a																	
KELEASE UF-	NUMBER OF MIGRANTS	0	57 p 178	26465	7,100	60,788	72,990	2,610	68,883	7,000	63,452	10,508	54,527	60,022	1,289	14,970	37,084	6, 130	25.048
	TOTAL MEIGHT (KGS)	•	5,425.B	3,123,8	755.2	5,058.5	79418.5	210.9	5,431.8	453.6	4,758.2	952.5	7,423,0	4,842,1	145.1	1,612.5	4,286.4	581.5	2.828.8
SEAKUN COLLHRON	GRAM. FISH		94.8	52.4	106.3	83.3	101.6	88.8	89.3	64.8	6.41	2.06	136.1	80.6	113,3	107.7	15.5	94.8	6.001
100%	FRANGE		90.7-113.3		90.7-113.3	55.5-113.3	90.7-113.3		56.6-113.3		56.6-113.3		113.3-151.1						
	DATE		99/9			4- 7/68		6/70	4- 6/78	12/9	14- 6/71	4/72	5- 6/73	5- 6/74	5175	5115	5- 6/75	5- 6/76	5- 6176
	RELEASE		NCSTL MASH	NCSTL WASH	COMLITZ R	NCSTL WASH	NCSTL MASH	COMLITZ R	NCSTL WASH	COMLITZ R	NESTL WASH	DESCHUTES R	NCSTL WASH	NCSTL MASH	KLICKITAT R	NCSTL WASH	S PUGT SND TRB	COMLITZ R	C BILCT CAR TOB
	RELEASE LOCATION		SND	S PUGT SND TRB		SND	S PUGT SND TRB		S PUGT SNO TRB		S PUGT SND TRB		SND	S PUGT SND TRB					
	RELEASE																		

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

#EIGHT GRAM GRAMGE DATE RELEASE NELEASE HEIGHT (KGS) 2.245.3 \$48.6	## ## ## ## ## ## ## ## ## ## ## ## ##								-	200
(KGS) FISH FISH FISH 2°245°3 \$8.6 FARMA 1°968°6 56.0 YAKAMA 1°333°6 \$41.0 YAKAMA 1°56°7 \$6.6 YAKAMA 1°56°7 \$6.6 YAKAMA 1°56°7 \$6.6 YAKAMA 929°8 \$6.0 \$6.6 YAKAMA 2°51°2 \$6.6 YAKAMA \$6.6 YAKAMA 2°51°2 \$6.0 YAKAMA \$6.6 YAKAMA \$6.6 YAKAMA 2°51°2 \$6.0 \$6.0 YAKAMA \$6.0 \$6.0 YAKAMA \$6.0 \$6	(KGS) FISH FISH FISH 2°245°3 \$6.6 YAKAHA 1°355°6 \$6.0 \$7.6 YAKAHA 1°355°7 \$64.3 \$7.6 YAKAHA 1°551°3 \$41.0 \$7.6 YAKAHA 1°551°3 \$7.6 YAKAHA 929°9 \$68°3 \$7.6 YAKAHA 1°551°3 \$7.0 YAKAHA 99°8 \$4.0 \$7.6 YAKAHA 2°512°9 \$68°3 \$7.6 YAKAHA 2°512°9 \$68°9 \$7.6 YAKAHA 2°512°9 \$60°9 \$7.7 YAKAHA 2°512°9 \$66°5 YAKAHA \$7.6 YAKAHA 2°512°9 \$66°5 YAKAHA \$7.7 YAKAHA 2°512°9 \$66°5 YAKAHA \$7.7 YAKAHA 2°512°9 \$66°5 YAYAHA \$7.7 YAKAHA 2°510°0 \$66°5 \$7.7 YAKAHA 2°510°0 \$66°5 \$7.7 YAKAHA 2°510°0 \$6°5 \$7.7 YAKAHA 2°510°0<	NUN	ER	TOTAL	AVE. GRAM/	SRAM	DATE	RELEASE	RELEASE LOCATION	LOCATION
2.245.3 \$68.8 \$1.968.6 \$56.0 VAKANA \$1.968.6 \$56.0 VAKANA \$1.956.7 \$64.3 \$5/61 VAKANA \$1.956.7 \$64.3 \$5/61 VAKANA \$1.956.7 \$64.3 \$5/62 VAKANA \$1.956.3 \$6.0 \$1.551.3 \$7/64 VAKANA \$1.951.3 \$7/64 VAKANA \$1.951.3 \$7/64 VAKANA \$1.951.3 \$7/64 VAKANA \$1.951.3 \$1.95.4 \$6.8 \$1.95.4 \$1.95.2 \$1.95.4 \$1.95.3 \$1.95.4 \$1.95.3 \$1.95.4 \$1.95.3 \$1.95.4 \$1.95.3 \$1.95.4 \$1.95.4 \$1.95.5 \$1.95.4 \$1.95.3 \$1.95.4 \$1.95.5 \$1.95.4 \$1.95.5 \$1.95.4 \$1.95.5 \$1.95.4 \$1.95.5 \$1.95.4 \$1.95.4 \$1.95.5 \$1.95.4 \$1.9	2.245.3 \$68.8 \$56.0 VAKANA 1.958.5 \$56.0 VAKANA 1.958.5 \$56.0 VAKANA 1.958.5 \$56.0 VAKANA 1.958.7 \$56.1 VAKANA 1.958.2 \$56.0 VAKANA 1.958.2 \$56.3 VAKANA 1.958.2 \$56.3 VAKANA 1.958.3 \$57.4 VAKANA 1.958.3 \$57.5 VAKANA 1.958.3 \$57.5 VAKANA 1.958.5 \$64.7 VAKANA 1.9	MIGR	ANTS	(KGS)	FISH	FISH				
1,968.6 58.0 1.968.6 58.0 1.958.6 41.7 5/61 VAKANA 1.958.7 64.3 64.3 10/64 VAKANA 1.951.3 47.4 48.9 5/65 VAKANA 1.951.3 47.4 VAKANA 1.951.3 47.4 VAKANA 1.951.3 47.4 VAKANA 1.951.3 57.9 48.9 57.9 57.9 7.87.1 VAKANA 1.95.4 64.8 57.1 VAKANA 1.95.4 64.6 64.8 57.1 VAKANA 1.95.4 64.6 64.8 64.7 77.7 VAKANA 1.97.8 78.3 64.6 64.8 64.7 77.7 VAKANA 1.97.8 78.3 64.6 64.8 64.7 77.7 VAKANA 1.97.8 83.9 64.7 75.7 VAKANA 1.97.8 83.9 64.7 75.7 VAKANA 1.97.8 83.9 77.7 VAKANA 1.97.8 VAKANA 1.97.8 83.9 77.7 VAKANA 1.97.8 VAKANA	1,968.6 58.0 56.0 56.0 1.333.6 41.7 56.3 46.3 57.64 YAKANA 56.3 66.3 66.3 66.3 67.64 YAKANA 66.0 66.0 66.3 67.64 YAKANA 65.10.5 66.0 66.0 66.0 66.0 66.0 66.0 66.0 6	4	5.985	2,245,3	1.8.8		5/60	YAKANA R		
1,333.6 41.7 546.3 576.3 YAKANA 12.313.6 41.7 564.3 10.64 YAKANA 12.313.6 41.7 576.3 YAKANA 12.3184.2 53.8 47.1 YAKANA 59.8 46.8 46.5 52.9 52.9 52.9 52.9 52.9 52.9 52.9 52	1.333.6 \$41.7 \$64.3 \$15.6 YAKANA \$68.8 \$1.5 \$64.3 \$10.6 \$4 YAKANA \$68.8 \$1.5 \$68.8 \$10.6 \$4 YAKANA \$15.5 \$1.3 \$47.4 \$4.5 \$1.5 \$1.5 \$1.5 \$1.5 \$1.5 \$1.5 \$1.5 \$1	2	1,920	1,968.6	56.8		19/5	VAKAMA R		
1,333.6 41.7 5/63 YAKANA 68.0 1.56.7 64.3 F/64 YAKANA 68.0 1.5 64.3 10/64 YAKANA 1.551.3 47.4 5/64 YAKANA 5/65 YAKANA 3,164.2 5/65 YAKANA 5/65 YAKANA 2,512.9 48.9 68.9 5/65 YAKANA 5/65 YAKANA 2,512.9 48.9 5/6 YAKANA 5/65 YAKANA 3,261.3 57.1 45.3 75.5 6/71 YAKANA 36.3 64.8 64.8 5/72 YAKANA 6/72 YAKANA 36.3 64.8 64.7 77.7 YAKANA 6/74 YAKANA 6/75 YAKANA 6/76 YAKANA 6	1,333.6 41.7 5/63 YAKANA 68.0 1.5 64.3 10/64 YAKANA 68.0 1.5 68.3 10/64 YAKANA 1.5 68.3 10/64 YAKANA 1.5 68.3 10/64 YAKANA 3.154.2 53.9 48.9 5/65 YAKANA 5/65 YAKANA 2.277.0 52.9 48.9 5/69 YAKANA 3.261.3 57.0 45.3 75.5 4/71 YAKANA 3.261.3 57.0 45.3 77.0 77.1 YAKANA 3.261.3 57.0 64.7 77.7 YAKANA 5.195.4 64.6 64.7 77.7 YAKANA 4.772 YAKANA 2.378.0 64.7 YAKANA 4.772 YAKANA 2.378.0 64.7 YAKANA 4.775 YAKANA 2.318.0 K4.7 YAKANA 4.775 YAKANA 2.318.0 K4.7 YAKANA 4.775 YAKANA 4.776 YAKANA 2.318.0 K4.7 YAKANA 4.776 YAKANA 4.776 YAKANA 4.776 YAKANA 4.776 YAKANA 2.318.0 K4.7 YAKANA 4.776 YAKANA 4.		9	•						
1,156.7 64.3 5/64 VAKANA 66.8 10/64 VAKANA 929.9 68.3 5/65 VAKANA 3,184.2 53.8 6.5 6.8 5/65 VAKANA 2,512.9 48.9 5/65 VAKANA 2,512.9 48.9 5/65 VAKANA 2,512.9 48.9 5/65 VAKANA 2,512.9 48.9 5/69 VAKANA 3,261.3 57.1 45.3 75.5 64.6 64.8 5/71 VAKANA 5,74.6 64.8 64.7 4/72 VAKANA 4/72 VAKANA 2,749.1 73.9 64.7 4/75 VAKANA 4/75 VAKANA 4/75 VAKANA 2,718.8 64.7 4/75 KLICKII 2,838.4 55.8 64.7 4-5/76 VAKANA 6/76 VAKANA	1,156.7 64.3 5/64 VAKANA 68.8 1.5 6.0	m	1.940	1,333,6	41.7			YAKAMA R		
68.8 1.5 1.551.3 \$7.4 3.184.2 53.8 5/65 YAKANA 2.512.9 \$48.9 2.512.9 \$48.9 2.512.9 \$48.9 2.512.9 \$46.8 3.261.3 57.1 \$5.3 75.5 \$770 YAKANA 3.261.3 57.1 \$5.3 75.5 \$4/71 YAKANA 2.195.4 \$64.6 \$4/71 YAKANA 2.195.4 \$64.6 \$4/71 YAKANA 2.249.8 \$3.9 \$4/75 YAKANA 4/77 YAKANA 4/77 YAKANA 4/77 YAKANA 2.318.8 \$64.7 \$4/76 KLICKII 2.818.8 \$64.7 \$4/76 YAKANA 4/77 YAKANA 4/77 YAKANA 4/77 YAKANA 4/77 YAKANA 4/77 YAKANA 4/77 YAKANA 5.318.8 \$64.7 \$4/76 KLICKII	68.8 1.5 1.551.3 \$7.6 3.184.2 53.8 57.6 YAKANA 99.8 48.9 57.6 YAKANA 2.512.9 \$48.9 57.6 YAKANA 2.512.9 \$48.9 57.6 YAKANA 2.521.3 57.1 \$52.9 57.0 YAKANA 3.521.3 57.1 YAKANA 3.521.3 57.1 YAKANA 3.53.9 64.7 47.7 YAKANA 4.77 YAKANA 4.76 KLICKIT 2.830.4 55.8 KLICKIT	-	7.967	1,156.7	64.3			VAKANA R		
929.9 68.3 57.6 YAKAMA 1,551.3 47.4 53.8 57.6 YAKAMA 2,512.9 48.9 56.9 57.0 YAKAMA 2,512.9 48.9 57.0 YAKAMA 2,527.1 52.9 YAKAMA 2,527.1 66.6 YAKAMA 3,261.3 57.1 45.3 75.5 4771 YAKAMA 2,374.6 64.8 4771 YAKAMA 2,249.8 83.9 4777 YAKAMA 2,249.8 64.7 4775 YAKAMA 2,318.8 64.7 4775 YAKAMA	929.9 68.3 5/65 YAKAMA 1,551.3 67.6 YAKAMA 99.8 6.5 53.8 18/65 YAKAMA 2,577.9 52.9 52.9 57.6 YAKAMA 2,577.9 52.9 56.8 57.0 YAKAMA 3,261.3 57.1 65.6 YAKAMA 3,261.3 57.1 YAKAMA 3,261.3 57.1 YAKAMA 3,261.3 57.1 YAKAMA 3,261.3 57.1 YAKAMA 3,261.3 77.1 YAKAMA 4,77 YAKAMA 2,376.6 66.8 57.7 YAKAMA 4,77 YAKAMA 2,376.9 83.9 64.7 YAKAMA 4,77 YAKAMA 2,830.4 55.8 KLICKIT			68.8	1.5			VAKAMA R		
1,551.3 47.4 53.8 196.6 YAKANA 99.8 40.5 196.7 YAKANA 2,577.9 48.9 52.9 52.9 576.8 75.5 77.0 YAKANA 3,261.3 57.1 45.3 75.5 47.1 YAKANA 3,261.3 57.1 47.1 YAKANA 2,719.1 64.6 64.8 77.7 YAKANA 2,719.1 74.7 YAKANA 4,719.1 74.9 YAKANA 4,719.1 74.7 YAKANA 4,719.1 74.7 YAKANA 4,719.1 74.7 YAKANA 5,818.8 64.7 YAKANA 6,818.8 64.8 YAKANA 6,818.8 64.8 YAKANA 6,818.8 64.8 YAYANA 6,818.8 64.8 YAKANA 6,818.8 64.8 YAYANA 6,818.8 YAYANA 6	1,551.3 47.4 55.6 YAKANA 3,184.2 53.8 4.5 5.6 YAKANA 99.8 48.9 10/67 YAKANA 2,512.9 48.9 52.9 576.8 YAKANA 2,492.5 46.8 5.3 75.5 4/71 YAKANA 3,261.3 57.1 45.3 75.5 4/71 YAKANA 3,261.3 64.6 64.8 5.3 75.5 4/72 YAKANA 2,374.6 64.8 4/72 YAKANA 3,783.9 64.7 4/75 YAKANA 4,77 YAKANA 4,77 YAKANA 2,249.8 83.9 4/75 YAKANA 4,77 YAKANA 2,249.8 83.9 4/75 YAKANA 4,77 YAKANA 4,77 YAKANA 4,779.1 73.9 4/76 KLICKII 2,318.8 64.7 4/76 KLICKII 2,318.8 64.7 YAKANA		5.400	929.9	68.3			YAKAMA R		
3,184.2 53.8 4.5 10.67 YAKANA 99.8 4.5 4.5 10.67 YAKANA 2,512.9 48.9 52.9 52.9 57.6 YAKANA 2,5492.5 46.8 5.3 75.5 4.71 YAKANA 3,526.3 2.9 45.3 75.5 4.71 YAKANA 2,195.4 64.6 64.8 77.7 YAKANA 2,375.6 64.8 64.7 YAKANA 4,729.1 73.9 64.7 YAKANA 4,729.1 73.9 64.7 YAKANA 4,729.1 73.9 4.7 YAKANA 2,318.8 64.7 YAKANA 2,318.8 64.7 YAKANA 4,776 KLICKIT 2,518.8 64.7 YAKANA 2,818.4 55.8 64.7 YAKANA 2,818.4 55.8 64.7 YAKANA 4,776 KLICKIT 2,918.8 64.7 YAKANA 2,818.4 55.8 YAKANA 4,776 YAKANA 2,818.4 55.8 YAKANA 4,776 YAKANA 2,818.4 55.8 YAKANA	3,184.2 53.8 4.5 10.67 YAKANA 99.8 4.5 46.5 10.67 YAKANA 2,512.9 4.8.9 52.9 57.0 57.0 72.0 72.0 72.0 72.0 72.0 72.0 72.0 7	147	2.680	1.551.3	4.7.4			YAKAMA R		
2,512,9 48,9 55,68 YAKAMA 2,512,9 48,9 52,9 56,8 YAKAMA 2,492,5 46,8 57,1 YAKAMA 3,783,0 64,6 47,7 YAKAMA 2,749,8 83,9 47,7 YAKAMA 2,318,8 64,7 47,7 YAKAMA 2,318,8 64,7 47,7 YAKAMA 2,318,8 64,7 74,7 YAKAMA	2,512,9 48,9 57,68 YAKANA 2,512,9 48,9 52,9 57,68 YAKANA 2,522,9 56,8 7,71 YAKANA 3,783,8 64,8 4,72 YAKANA 3,783,8 64,7 YAKANA 2,249,8 83,9 4,75 YAKANA 2,378,1 73,9 YAKANA 2,249,8 55,8 4,77 YAKANA 2,249,8 55,8 4,77 YAKANA 2,249,8 55,8 4,77 YAKANA 2,249,8 55,8 4,77 YAKANA 2,783,9 64,7 YAKANA 2,783,9 64,7 YAKANA 2,784,8 55,8 YAKANA	2	9.180	3,184.2	53.8			YAKAMA R		
2,512,9 48,9 2,277,1 52,9 2,492,5 46,8 3,261,3 57,1 45,3-75,5 4/71 YAKANA 36,3 2,9 4,71 YAKANA 2,195,4 64,6 4,77 YAKANA 2,374,6 64,8 4,72 YAKANA 3,783,0 64,7 4,72 YAKANA 2,249,8 83,9 4,75 YAKANA 2,318,8 64,7 4,75 YAKANA 2,318,8 64,7 4,75 YAKANA 2,318,8 64,7 4,75 YAKANA 2,318,8 64,7 74,75 YAKANA 2,318,8 64,7 74,75 YAKANA 2,318,8 64,7 74,75 YAKANA 2,8318,4 55,8 74,75 YAKANA	2,512,9 48,9 52,9 5,68 YAKAMA 2,577,9 YAKAMA 3,52,9 5,68 YAKAMA 3,53 57,1 45,3-75,5 4,71 YAKAMA 2,974,6 64,8 4,72 YAKAMA 2,974,9,8 64,7 YAKAMA 2,549,8 64,7 YAKAMA 2,576,9,8 YAKAMA 2,576,9,8 YAKAMA 4,75 YAKAMA 2,576,9,8 YAKAMA 2,576,7 YAKAMA 2,576	•		99.8	4.5			YAKAMA R		
2,277.8 52.9 52.9 57.6 46.8 57.0 YAKAMA 3,261.3 57.1 45.3-75.5 4771 YAKAMA 3,261.3 57.1 45.3-75.5 4771 YAKAMA 2,374.6 64.6 4772 YAKAMA 3,783.0 64.7 4773 YAKAMA 3,783.0 64.7 4775 YAKAMA 2,249.8 63.9 4775 YAKAMA 2,318.8 64.7 57.6 KLICKIT 2,318.8 64.7 74.75 YAKAMA 2,8318.4 55.8 44.75 YAKAMA	2,277.0 52.9 YAKAMA 2,492.5 46.8 57.0 YAKAMA 3,261.3 57.1 YAKAMA 3,261.3 57.1 YAKAMA 2,974.6 64.6 4.7 777 YAKAMA 2,374.6 64.8 4.77 YAKAMA 3,783.0 64.7 4.77 YAKAMA 2,249.8 83.9 4.77 YAKAMA 2,249.8 64.7 YAKAMA 2,378.8 64.7 YAKAMA 2,388.8 64.7 YAKAMA 2,388.8 64.7 YAKAMA 2,388.8 64.7 YAKAMA	2	1,370	2,512.9	48.9			YAKAHA R		
2,492.5 46.8 5.3-75.5 471 YAKANA 36.3 57.1 45.3-75.5 4771 YAKANA 2.95.4 64.6 4771 YAKANA 2.974.6 64.8 4772 YAKANA 3.753.0 64.7 4774 YAKANA 3.759.1 73.9 64.7 4775 YAKANA 4.759.1 73.9 64.7 4775 YAKANA 4.759.1 73.9 64.7 4775 YAKANA 2.318.8 64.7 74.75 YAKANA 2.8318.4 55.8	2,492.5 46.8 5.3-75.5 4/7! YAKANA 361.3 57.! 45.3-75.5 4/7! YAKANA 36.3 2.9 4/7! YAKANA 2.195.4 64.6 4.7 77! YAKANA 2.376.6 64.8 4/72 YAKANA 3.763.8 64.7 4/73 YAKANA 4.749.1 73.9 4/75 YAKANA 2.308.8 64.7 74.7 YAKANA 2.838.8 64.7 YAKANA 2.838.8 64.7 YAKANA 4.76 KLICKIT YAKANA 2.838.8 64.7 YAKANA 4.76 YAKANA 2.838.4 55.8	4	2,978	2,277.8	52.9			YAKAMA R		
3,261,3 57,1 45,3-75,5 4,71 YAKAMA 36,3 2,9 4,6 4,71 YAKAMA 2,195,4 64,6 4,72 YAKAMA 2,374,6 64,8 4,72 YAKAMA 3,783,0 64,7 4,73 YAKAMA 4,749,1 73,9 73,9 4,75 YAKAMA 2,318,8 64,7 4,76 KLICKII 2,8318,4 55,8 4,76 YAKAMA	3,261.3 57.1 45.3-75.5 4/71 YAKAMA 36.3 2.9 45.6 7/71 YAKAMA 2,195.4 64.6 4/72 YAKAMA 2,374.6 64.8 4/72 YAKAMA 3,783.9 64.7 4/73 YAKAMA 4,74.9.1 73.9 4/75 YAKAMA 2,318.8 64.7 4/76 KLICKIT 2,318.8 64.7 4/76 KLICKIT	10	3,250	2,492.5	46.8			YAKAHA R		
36.3 2.9 7771 YAKAMA 2.195.4 64.6 4.72 YAKAMA 2.374.6 64.8 4.73 YAKAMA 3.7783.8 64.7 4.73 YAKAMA 4.749.1 73.9 63.9 4.75 YAKAMA 4.749.1 73.9 64.7 YAKAMA 2.8318.8 64.7 YAKAMA 2.8318.4 55.8 64.7 YAKAMA 2.8318.4 55.8	36.3 2.9 7771 YAKAMA 2.195.4 64.6 4.72 YAKAMA 2.374.6 64.8 4.77 YAKAMA 3.783.8 64.7 YAKAMA 4.77 YAKAMA 4.779.8 83.9 4.77 YAKAMA 4.779.8 YAKAMA 2.318.8 64.7 YAKAMA 2.8318.4 55.8 4.76 YAKAMA	S	7.110	3,261.3	57.1	45.3- 75.5		YAKAMA R		
2,195,4 64,6 4/72 YAKAMA 2,374,6 64,8 4/73 YAKAMA 3,783,9 64,7 4/74 YAKAMA 2,549,8 83,9 4/75 KLICKII 2,318,8 64,7 4/76 KLICKII 2,8318,4 55,8 4-5/76 YAKAMA	2,195.4 64.6 4/72 YAKAMA 2,374.6 64.8 4/73 YAKAMA 3,783.0 64.7 4KAMA 4,774.7 YAKAMA 4,774.1 73.9 4/75 KLICKIT 2,318.8 64.7 4/76 KLICKIT 2,8318.4 55.8 44.5/76 YAKAMA			36.3	2.9			YAKAMA R		
2,374,6 64,8 4/73 YAKAMA 3,783,9 64,7 4/75 YAKAMA 2,249,8 83,9 4/75 KLICKIT 4,749,1 73,9 4/75 YAKAMA 2,838,8 64,7 4/76 KLICKIT 2,838,8 64,7 4/76 YAKAMA	2,374,6 64,8 4/73 YAKAMA 3,783,9 64,7 4/74 YAKAMA 2,249,8 83,9 4/75 KLICKII 2,318,8 64,7 4/76 KLICKII 2,831,4 55,8 4+5/76 YAKAMA	60	3.980	2,195.4	64.6			YAKAMA R		
3,763.8 64.7 4/74 YAKAMA 2,249.8 83.9 4/75 KLICKIT 4,749.1 73.9 4/75 YAKAMA 2,838.8 64.7 4/76 KLICKIT 2,838.8 64.7 4/76 YAKAMA	3,783.0 64.7 4/74 YAKAMA 2,249.0 83.9 4/75 KLICKIT 4,749.1 73.9 4/75 YAKAMA 2,318.8 64.7 4/76 KLICKIT 2,830.4 55.8 4-5/76 YAKAMA	100	6.645	2.374.6	64.8			YAKAMA R		
2,249.8 83.9 4,75 KLICKIT 4,749.1 73.9 4,75 YAKAMA 2,318.8 64.7 4,76 KLICKIT 2,8318.4 55.8 44.7 YAKAMA	2,249.8 83.9 4/75 KLICKIT 4,749.1 73.9 4,75 YAKAMA 2,838.8 64.7 4,76 KLICKIT 2,838.4 55.8 44-5/76 YAKAMA		8.380	3.783.8	64.7			YAKAMA R		
4,749.1 73.9 4/75 YAKAMA 2,318.8 64.7 4.76 KLICKIT 2,8318.4 55.8 4-5/76 YAKAMA	4,749.1 73.9 4/75 YAKAMA 2,830.4 55.8 64.7 4-5/76 KLICKIT 2,830.4 55.8	, ~	6-800	2.249.8	83.9			KLICKITAT R		
2,318.8 64.7 4/76 KLICKII 2,8318.4 55.8 4- 5/76 YAKAMA	2,308.8 64.7 4/76 KLICKII 2,830.4 55.8 4- 5/76 YAKAMA		4.218	4.749.1	73.9			YAKAMA R		
2,830.4 55.8 4- 5/76 YAKANA	2,830.4 55.8 4- 5/76 YAKAMA	۳ c	5.530	2.308.8	64.7			KLICKITAT R		
		. 10	0.700	2,830.4	55.8			YAKAMA R		

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

		REFERSE	REFERSE OF TALL UNITHOUR SALADING	PETROON SE	- 202					
SR000 VEAR	NUMBER OF SUB- MIGRANTS	HUMBER OF MIGRANTS	MEIGHT (KGS)	AVE. GRAM/ FISH	SANGE GRAM! FISH	DATE	RELEASE	RELEASE	z	LOCATION
1959-65	0	0	•							
1963	1,855,900		1,229.7	9.0		3/64	HILLAMETTE R	0		
1961	2,209,000		1,232,9	0.5		3/65	WILL AMETTE R	0		
1965	0	0	63							
1966		2,038,788	3,267.7	9.1		29/67	WILLAMETTE R C	0		

TABLE 214. -- COLUMBIA BASIN- WASHINGTON SKAMANIA MATCHERY - WASHINGTON DEPARTMENT OF GAME RELEASE OF- STEELWEAD TROUT.

RELEASE

							,	
BROOD	NUMBER	NUMBER	TOTAL	AVE	ZANGE	DATE	RELEASE	RELEASE
YEAR	MIGRANTS	MIGRANTS	(KGS)	FISH	FISH	KELEASES	LOCALTON	LOCALTON
958		19.830	2.084.9	101	90.7-113.3	3- 4/60	RIVER	
958		38,750	2,710.2	6.69	50.3- 90.7	3/68	RIVER	
M 656		399,775	19,763.1	4.64	37.7- 64.7	3- 5/60	COL RIVER 2	
S 656		28,657	2,408.6	84.6	75.5- 90.7	9760	RIVER	
S 656		54,250	2,459.8	45.5	37.7- 64.7	3/61	RIVER	
S 656		89,350	7,012.5	78.4	50.3-113.3	3/61	RIVER	
M 096		239,130	13,215.4	55.2	50.3- 75.5	4/61	RIVER	
M 096		105,400	4,431.6	42.0	41.2- 56.6	29/5	RIVER	
S 196		31, 100	1,746,3	56.1	50.3- 64.7	19/01	RIVER	
S 096		88,550	6,427°4	72.5	50.3-113.3	19/01	RIVER	
S 096		66,735	3,234.1	48.4	45.3- 64.7	4/62		
S 196		160,500	9,774.9	68.8	41.2-113.3	4/62	RIVER	
196		145,195	7,713,3	53.1	45.3- 75.5	4- 5/62	RIVER	
S 186		150,300	10,059.8	669	54.7-113.3	4/63	RIVER	
S 196		29,520	2,503.8	84.8	75.5- 90.7	4/63	RIVER	
962 W		5,140	254 . 8	4.64		4/63		
962		244,340	13,755.2	56.2	\$5.3° 56.6	4- 5/63	RIVER	
26.7		14.500	1.644.3	113.4		4/64	RIVER	
26.2		104.654	7.773.2	74.2	5.3- 98.	5/63	RIVER	
200		58.043	3.828.3	76.5	6.7-113.	49/5 -4	RIVER	
962		187.214	16.488.1	88.0	11-5		RIVER	
263		354.569	29.390.5	82.8	8.3-113.	, LO	RIVER	
863		16,555	1.072.7	64.7			COL RIVER 3	
963		154.463	10,355.5	67.0	6.5- 75.		RIVER	
863		54.680	4,334.1	80.2			RIVER	
M 496		353,070	26,129.2	74.0	5.3-113.	4- 5/65	COL RIVER 2	
196		17.915	2,249.8	125.5		4/66	RIVER	
7 796		71.710	3.783.1	52.7	9	5/65	RIVER	
S 496		197.415	793.	59.7	45.3- 64.7	5/65	RIVER	
198		67.635	9.169.4	135.5	5	4/66	COL RIVER 2	
965 H	28.960		823.	28.4		2/66	-	
		226,478	12,541.8	55.3	37.7- 75.5	4- 5/66	COL RIVER 2	
	137,000		2,154.6	15.7	.0- 22.	2/66	TLE R	
		33,000	6.964.1	45.3		2166	RIVER	
S 596		299,040	14.143.8	47.2	-	2/66	RIVER	
		126,725	12,292.4	9.101	5.5-113.	4- 5/67	RIVER	
•	14,970		288.0	19.2		2167	MASHOUGAL R	
		140,920	8,373,3	59.4	51.3- 64.7	19/5 -4	RIVER	
		10,600	601.8	56.6		2167	RIVER	
-		333,975	20,223.4	60.5	26.6- 64.7	4- 5/67	RIVER	
		69,250		107.5	0.7-1	4/68	RIVER	
		74,195		50.4	. 3	5/68	RIVER	
S 7961	105,630		768.8	7.2		11/67	IS R	
S 1961		7,83	5,846.	59.7	99 -9	4/68	RIVER	
		700,330	36,174.0	919	0.3- 75.	- 5/6		
₩ 996		2967	3,467.7	15.9		4- 5/69	RIVER	
S 8961	16,400		167.8	10.2		69/5	LENIS R	

	•
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RELEASE																	TOUTLE R	MIND R									
RELEASE																	LEWIS R	WASHOUGAL R	LEWIS R								
RELEASE LOCATION		COL RIVER 2	COL RIVER 2	COL RIVER 3	COL RIVER 2	COL RIVER 2	COL RIVER 3	COL RIVER 3	COL RIVER 2	LEWIS R	KALAMA R	KLICKITAT R	KALAMA R	TOUTLE R	KLICKITAT R	WIND R	SKAMANIA	TOUTLE R	LENIS R	KLICKITAT R							
DATE														5/73		41/9									92/5 -4		
RANGE	FISH	51.3- 56.6	113.3-151.1	64.7 - 75.5	64.7- 98.7	113.3-151.1			113.3-151.1	113.3-151.1	56.6- 64.7	56.6- 75.5			56.6- 75.5												
AVE.	FISH	54.4	122.8	70.5	66.5	155.4	55.9	56.4	125.7	1+0-7	59.8	65.1	154.5	57.8	58.2	25.7	9.49	64.2	64.2	50.4	67.4	62.0	66.1	65.4	66.2	69.8	
TOTAL	(KGS)	19,157.5	42,646.8	6,785.7	27,451.4	11,952.6	7,391,3	37,913.5	2,522.8	12,837.5	8,983.4	31,189.5	7.810.9	8,291.7	38,411.1	4,088.2	24,106.2	14,681.9	14,585.3	5,080.2	1,685.1	4.719.6	6,570,3	8,650.0	12,656.5	1,745.4	
NUMBER	MIGRANTS	351,780	347,170	96,250	412,325	76,910	132,195	671,927	20,062	91,220	150,110	477,225	50,546	143,365	521,685		373,155	228,583	227,085	100,618	25,008	76,188	99,328	132,220	191,235	25,000	1
NUMBER OF SUB-	MIGRANTS															158,461											
BROOD																									S		
YEA		1 96 8	1968	1969	1969	1969	1970	1970	1970	1970	197	1 26 1	197	1972	1972	1973	1973	1973	1 97 4	1974	1974	1974	1974	1975	1975	1975	The second second

TABLE 215.--COLUMBIA BASIN- MASHINGTON
TUCCANON HATCHERY - MASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

RELEASE	
RELEASE LOCATION	COL RIVER 6
RELEASE LOCATION	TUCANNON R TUCANNON R GRANDE RONDE R COL RIVER 6 SNAKE R
DATE	4-5/72 4-5/74 4-5/75 4-5/75
PRANCE	37.7 - 50.3 64.7 - 75.5
AL AVE. GHT GRAH/ S) FISH	4666 2000 2000 2000 2000 2000 2000 2000
- H O	4.0178.3 4.014.3 79.4 5.119.4 5.911.2
NUMBER TO OF MERANTS (*	36.122 62.806 53.634 87.344 97.587
NUMBER OF SUB- MIGRANTS	12,250
BROOD	1959-70 1971. S 1972. S 1973. S 1974. S 1975. S

TABLE 216.--COLUMBIA BASIN- MASHINGTON
VANCOUVER MATCHERY
- MASHINGTON DEPARTMENT OF GAME
RELEASE OF- STEELHEAD TROUT.

RELEASE RELEASE LOCATION LOCATION														
	~		2	2	2	2	2	2	2		02	04		
RELEASE	400	COL RIVER		11		-	-	_			ELOKOMIN	ELOKOMIN		
DATE RELEASES	_	3- 5/61	-	_		4/64	4/64	3/65	3/65		4173	4174		
FERN														
GRAN/ FISH	*	56.3	50.7	66.3	51.6	73.5	57.9	75.6	48.0		129.4	119.3		
TOTAL WEIGHT (KGS)	569.7	15,145.4	18,483.9	9,750.9	6, 152.5	5,248.1	8,838.2	14,986.7	4, 168.5	-	2,014.8	1,406.1	0	
NUMBER OF MIGRANTS		258,580	228,987	146,888	119,068	71,334	152,641	198,099	86,770	•	15,555	11,788	•	
NUMBER OF SUB-	138,120									•			0	
0 %	ĸ	R	x	×	S	x	S	x	S	-71	R	x		
BROOD	1959	1960	1961	1962	1962	1963	1963	1961	1964	1965	1972	1973	1974	

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

		RELEASE OF-		SEARUN CUTTHROA	TROUT				
BROOD	NUMBER OF SUB-	HUMBER	TOTAL	AVE. GRAM/	SANGE SRAM	DATE	RELEASE	RELEASE	RELEASE
	TERRES	HICKANIS	(K63)	FISH	HST.				
958-64	9	9	C3						
		8, 180	1,270,1	156.8		4/66	MASHOUGAL R	COL RIVER 2	
		6,300	635.0	10001		4/66	KLICKITAT R		
		31,110	2,987.4	96.0		99/4	COL RIVER 2		
		22,445	2,263.4	8.008		5/67	SCSTL MASH		
		56,832	5,867,2	104.7		2167	COL RIVER 2		
		81,964	9,579,9	116.8		5/68	COL RIVER 2		
		48,739	5,325,2	109.2	90.7-113.3	5/69	LEHIS R		
		61,639	7,189.4	116.6		5/69	COL RIVER 2		
		4.950	680.4	137.4		5/70	LEWIS R		
		88,553	11,081.7	137.5		5/70	COL RIVER 2		
		12,984	1,242.8	95.7		12/5	LEWIS R	TOUTLE R	
		97,396	8,659.1	88.9		5/71	COL RIVER 2		
		16,280	2,197.7	134.9		5/72	LEHIS R	TOUTLE R	
		84.180	9,534,5	113.2		5/72	COL RIVER 2		
		12,530	1,560.4	124.5		5/73	LEHIS R	TOUTLE R	
		91,634	11,909,11	129.9		5/13	COL RIVER 2		
		99,188	11,292,2	113.8		5174	COL RIVER 2		
		86,139	12,232.0	142.0		5115	COL RIVER 2		
		103.618	12.074.6	116.3		9//9	COL RIVER 2	ELOKOMIN R	COMLITZ R

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

KOX	NUMBER OF SUB- MIGRANIS	NUMBER OF WICKANTS	WEIGHT	GRAM/ ETSH	A P P P P P P P P P P P P P P P P P P P	RELEASES	RELEASE	RELEASE	RELEASE
		•							
		116,736	7.489.4	63.4		69/5 -4	METHON R	OKANOGAN R	
		205,677	13,254.1	64.4		4- 5/78	METHON R	OKANOGAN R	
			4,862.1	57.2		12/4	METHOW R	DKANOGAN R	
	42,284		34.8	0.8		5/71	COL RIVER 8		
			9,897.4	63.5		4/72	METHON R	OKANOGAN R	
		156,946	9,888.3	63.0		4/73	METHOW R	OKANOGAN R	
			4,834.7	63.0		5/74	COL RIVER 8	METHOW R	
	99,884		1,677.8	16.7		12/74	COL RIVER 6		
			16,523.9	8.99		4/75	COL RIVER 8	METHON R	
			1,367.6	92.5		4/75	WASHOUGAL R		
	30,270		6.679	22.4		1- 2/76	COL RIVER 8		
		262,583	19,234.1	73.2		4- 5/76	COL RIVER 8	PETHON R	
		14.471	1 . 129 . 4	77.4		4/76	MASHOUGAL R		

TABLE 219. -- COLUMBIA BASIN- MASHINGTON YAKIMA HATCHERY RELEASE OF- STEELHEAD TROUT.

LOCA																			
RELEASE																			n
RELEASE Location		AHA R	AHA R	AMA R	AMA R	AMA R	AMA R	CAMA R	AMA R	AMA R	TAMA R	CAMA R	AMA R	FAKAMA R	CAMA R	AMA R	CAMA R		S PUGI SNO IRB
DATE R RELEASES L		_	_	_					_	-	_			7/7! YAK					5116 S P
RANGE DIGRAM/ RI																			
AVE. GRAM/ FISH		64.7	44.3	57.5	54.3	2.7	64.8	55.3	53.4	56.6	56.6	64.8					73.6		65.9
TOTAL WEIGHT (KGS)	0	2,417.6	2,914.3	6,882.7	6,116,7	138.3	2,494.8	4,789.9	3,522,1	5.488.5	4.735.5	5.409.1	1.575.8	13.6	2.288.4	2,365,5	1,594.4	-	210.9
NUMBER OF MIGRANTS	8	37,340	65,685	185,691	112,485		38,500	86.598	65.861	96.810	83.570	83.470	35.245		39,380	36,935	21,635	0	3,348
NUMBER OF SUB- MIGRANTS	a	,				50.345								5.100				9	
BROOD	1959	2 1961	5 1961	2 2961	2 5 5 5 1	2 496	2 196	1965	2 996	2 7 7 8 1	2 8 8 9 0	0000	0 0261	2 1261	0 1201	2 626	1973 S	1 374	S 5261

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

RELEASE							
RELEASE							
RELEASE		TOUTLE R					
DATE		4/14	4/14	5/15	5/15	5/76	9116
T C A A A A A A A A A A A A A A A A A A							
GRAM! FISH		82.4	82.4	69.7	69.7	75.6	75.5
TOTAL WEISHT (KGS)		3,958.5	4.041.1	2,302.4	3,769.4	2,494.8	2,419.8
NUMBER OF MIGRANTS		48,000	000.64	33,000	54,015	33,000	31,998
MUNBER OF SUB-	10.78						
BROOD	1968-72	1973 H	1973 S	H \$161	1974 S	1 975 W	S 5261

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

	RELEASE	
	RELEASE	
	RELEASE	KALAMA R
	DATE	6/75
	RANGE SZAM/ FISH	
STEEL WEAD TROUT.	AVE. GRAM/ FISH	82.4
	TOTAL WEIGHT (KGS)	4.037.0
RELEASE OF-	NUMBER OF MIGRANTS	48,950
	NUMBER OF SUB- MIGRANTS	•
	BROOD	1960-73 1974 S

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

	RELEASE										
	RELEASE										
	RELEASE LOCATION		YAKAMA R	VAKAMA R	VAKAMA R	VAKAHA R	VAKAMA R	YAKAMA R	YAKAMA R	YAKAHA R	YAKAMA R
	DATE		5/65	2/66	29/5	5/68	5/69	5/70	5/71	4/72	4/73
	RANGE SRAM! FISH										
SI EEL MEAU I KUUI.	AVE. GRAM/ FISH		61.0	60.3	65.1	56.6	64.7	63.6	63.9	7.06	64.6
	TOTAL WEIGHT (KGS)		3,152,5	1,841.6	2,767.4	2,490.2	3,297.5	7,286.1	3,259.5	5,896.7	3,900.9
AELERSE OF	NUMBER OF MIGRANTS		519615	30,495	42,460	43,928	50,950	114,505	51,500	65,000	60,357
	NUMBER OF SUB- MIGRANTS	•									
	BROOD	1959-63	S 4961	S 5961	1966 S	1967	1 968 S	S 6961	S 0261	S 1761	1972 S

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

BROOD NUMBER TOTAL AVE. RANGE DATE YEAR DF SUB OF NUMBER TOTAL AVE. RANGE DATE 959-61 MIGRANTS MGRANTS KGS) FISH FISH RELEASES 962 S 64,884 4,015.2 51.4 5/63 963 S 64,884 4,015.2 61.8 5/63 964 S 90,919 4,762.7 52.3 5/65 965 S 168,755 10,698.9 66.5 5/65 965 S 168,780 11,035.9 61.0 34.8-41.2 5/65 966 S 168,780 11,035.9 61.0 34.8-6.4 5/65 967 S 219,680 8,113.9 53.6 34.8-6.6 5/77 967 S 225,714.9 55.0 55.5 5/72 5/72 967 S 227,595 22,151.2 76.8 4-5/75 <td< th=""><th></th><th></th><th></th><th></th><th>1</th><th></th><th></th><th></th><th></th><th></th></td<>					1					
5 51.767 2,662.6 51.4 51.4 51.4 51.4 51.4 51.4 51.4 51.4	BROOD	NUMBER OF SUB-	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE	RELEASE	RELEASE	RELEASE
\$\begin{align*} \begin{align*} \begi	959-61	•	•							
5 5 64.884 4.015.2 61.8 52.3 164.755 10.598.9 66.5 11.035.9 61.0 34.8-41.2 184.784 11.035.9 61.0 34.8-41.2 151.9.684 8.725.1 50.3-56.6 4.2 151.9 15.9 15.9 15.9 15.9 15.9 15.9 15.	2 696		51,767	2,662,5	51.4		5/63	u		
\$\begin{align*} \begin{align*} \begi	06.3		54.884	4.015.2	61.8		5/64	u.		
\$\text{S}\$ \text{160,755} \text{10,698.9} \text{66.6} \text{5}\$ \text{51.9} \text{600} \text{61.0} \text{34.8} \text{51.0} \text{600} \text{61.13.9} \text{53.6} \text{61.0} \text{34.8} \text{61.0} \text{51.0} \text{61.13.9} \text{53.6} \text{53.8} \text{61.0} \text{53.8} \text{55.0} 55.0	96		616.06	4.762.7	52.3		5/65	UE.		
\$\text{S}\$ \text{180,780} \text{11,035.9} \text{61.0} \text{34.8-41.2} \text{51.960} \text{61,13.9} \text{53.6} \text{34.8-41.2} \text{53.6} \text{51.184} \text{6113.9} \text{53.6} \text{34.8-41.2} \text{53.8-6} \text{54.8-6} \text{55.0} \text{59.295} \text{64.926.0} \text{55.0} \t	065		164 . 755	10,698.9	66.5		99/5			
\$\begin{align*} \text{S} &	000		188.780	11.035.9	61.0		2167			
S 306,116 17,263.7 56.0 53.6 5.0 89,295 4,926.0 55.1 50.3 56.6 4.2 55.7 55.1 50.3 56.6 4.2 55.1 50.3 56.6 4.2 55.1 51.2 53.2 56.6 4.2 56.6 56.6 4.2 56.6 56.6 4.2 56.6 4.2 56.6 56.6 56.6 56.6 56.6 56.6 56.6 56	2 2 2 2 2		219-680	8.714.4	39.6	34.8- 41.2	3/68	u.		
\$ 308,116 17,263.7 56.0 50.3-56.6 4-205,700 15,550.1 75.5 50.6 4-205,700 15,550.1 75.5 50.6 4-205,700 15,550.1 75.5 50.6 4-205,700 10.2-4 76.8 4-205,700 10.2-4 76.8 4-205,700 10.2-4 76.8 4-205,700 10.2-4 76.5 14,000 10.2-4	200		1510184	8.113.9	53.6		5/69	-		
\$ 205,700 15,550.1 75.5 50.3 56.6 4-205,700 15,550.1 75.5 50.3 56.6 4-205,700 15,550.1 75.5 75.5 4-205,700 14,000.4 76.5 76.8 4-205,700 14,000.4 76.5 76.8 76.5	0 090		308.116	17.263.7	56.0		5/70	COL RIVER 6		
S 205,700 15,550,1 75,5 S 237,595 22,151,2 93,2 S 260,414 20,001,2 76,8 S 163,005 14,002,4 76,5	970		89.295	4.926.0	55.1	51.3- 56.6	12/5	-		
S 237,595 22,151.2 93.2 4-8 25,001.2 76.8 4-8 4-8 25,005.4 76.5 4-8 4-8 25,005.4 76.5 4-8 25,005.4 76.5 4-8 25,005.4 76.5 4-8 25,005.4 76.5 4-8 25,005.4 76.5	071		205.700	15.550.1	75.5		4- 5/72	-		
S 250,414 20,001.2 76.8 4-8 5 163,005 14,002.4 76.5	040		237.595	22.151.2	93.2		4- 5/73	-		
S 163,005 14,002.4 76.5	072		260.414	20.001.2	76.8			-	GRANDE RONDE	02
1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	071.		183,005	14.002.4	76.5			_	SNAKE R	
3000 1004460	275		155,966	13,448.1	86.2			_		

TABLE 224.--COLUMBIA BASIN- WASHINGTON SWOFFORD POND - WASHINGTON DEPARTMENT OF GAME RELEASE OF- STEELMEAD TROUT.

NUMBER OF SUB-	•							9	
NUMBER OF MIGRANTS		40,260	28,875	60,020	6,314	69,800	16,647	•	9,241
TOTAL WEIGHT (KGS)		3,653,2	2,297,9	6,872°4	715.8	6,566.2	1,097.7	0	1,279.1
AVE. GRAM/ FISH		7.06	79.5	11405	113.3	107.9	65.9		138.4
RANGE				90.7-113.3					
DATE		69/5 -4		4- 5/71	5172				4- 5/76
RELEASE		CONLITZ R	CONLITZ R	COMLITZ R	COMLITZ R	CONLITZ R	CONLITZ R		COMLITZ R
RELEASE									
RELEASE									
	NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF WEIGHT GRAM/ GRAM/ RELEASES LOCATION LOCATION MIGRANTS (KGS) FISH FISH	NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF WEIGHT GRAM/ GRAM/ RELEASES LOCATION LOCATION MIGRANTS (KGS) FISH FISH	NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF WEIGHT GRAM/ GRAM/ RELEASES LOCATION NIGRANTS (KGS) FISH FISH 40.260 3.653.2 90.7 4-5/69 COMLITZ R	NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF WEIGHT GRAM/ GRAM/ RELEASES LOCATION NIGRANTS (KGS) FISH FISH FISH FISH 40.260 3.653.2 90.7 4-5/69 COMLITZ R 28.875 2.297.9 79.5 5/78 COMLITZ R	NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF WEIGHT GRAM GRAM RELEASES LOCATION L	NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF WEIGHT GRAM/ GRAM/ RELEASES LOCATION MIGRANTS (KGS) FISH FISH NGRANTS (KGS) 7554 100,200 100,020 100,0	NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF WEIGHT GRAM GRAM RELEASES LOCATION L	NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF WEIGHT GRAM/ GRAM/ RELEASES LOCATION LOCATION HIGRANTS (KGS) FISH FISH FISH OF STAND COMLITZ R Seb 875 2.297.9 79.5 90.7-113.3 4-5/71 COMLITZ R 60.028 6.872.4 114.5 90.7-113.3 4-5/71 COMLITZ R 6.314 715.8 113.3 4-5/72 COMLITZ R 6.800 6.566.2 107.9 4-5/74 COMLITZ R	NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF WEIGHT GRAM/ GRAM/ GRAM/ RELEASE LOCATION LOCATION MIGRANTS (KGS) FISH FISH FISH LOCATION LOCATION 40.260 3.653.2 90.7 4-5/69 COMLITZ R 28.875 2.297.9 79.5 90.7-113.3 4-5/71 COMLITZ R 60.028 6.872.4 113.3 4-5/72 COMLITZ R 5/72 COMLITZ R 68.810 6.566.2 107.9 4-5/73 COMLITZ R 4-5/74 COMLITZ R 68.800 6.566.2 107.9 4-5/73 COMLITZ R 6-5/74 COMLITZ </td

TABLE 225.--COLUMBIA BASIN- MASHINGTON HASHBURN ISLAND POND - MASHINGTON DEPARTMENT OF GAME RELEASE OF- STEELHEAD TROUT.

RELEASE									
RELEASE									
RELEASE		COL RIVER 8		_	_	_	_	COL RIVER 8	-
DATE		19/5 -4				5/71	5/71	4- 5/72	5/73
ZANGE GRAM/ FISH					34.8- 45.3	-	-		
AVE. GRAM/ FISH		45.3		29.5	41.2	45.6	42.1	48.2	30.4
TOTAL WEIGHT (KGS)		317.5	ca	1037404	3,710.8	333°B	3,240.0	6,001.9	173.3
NUMBER OF MIGRANTS	•	7,900	0	46,996	000.06	7,319	76,831	145,350	5.700
NUMBER OF SUB- MIGRANTS	•		0						
BROOD	1959-65	1966 S	1961	1968 S	S 6961	S 0261	S 0261	S 1261	5 6261

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

RELEASE																
RELEASE																NF CLEARWATER
RELEASE LOCATION	Out sunday	NF CLEARMATER	NF CLEARWATER	NF CLEARWATER	NF CLEARWATER	COL BLW BONN W	NF CLEARWATER	SF CLEARWATER	NF CLEARWATER	NF CLEARWATER	CLEARMATER R	NF CLEARWATER	COL ABV BONN W	LOLO GR	CLEARWATER R	CLEARNATER R
DATE		4- 5/78														
RANGE GRAM! FISH		59.3- 64.7				75.5- 90.7		7.3° 8.2	30.2- 34.8			45.3- 56.6				
AVE. GRAM/ FISH		62.5	88.5	44.5	78.0	85.5	31.9	8.1	30.5	0.2	5.9	5403	44.3	56.0	75.0	24.4
TOTAL WEIGHT (KGS)	287.1	85,841.4	108,049.8	80,211.9	73,626.7	2,814,5	48,538,9	8,446.3	41,442.9	158.3	1,356.2	188,635,9	12,759.1	5,712.5	132,298.3	95,380.8
NUNBER OF MIGRANTS		1,371,543	1,341,366	1,802,205	943,659	32,895	1,270,197		1,358,522			3,472,176	287,539	101,995	1,761,878	1,750,295
NUMBER OF SUB- MIGRANTS	583.056							1,042,257		748,390	230,335					
BROOD	1959-68	S 6961	S 6961	S 0261	S 0261	S 0261	S 1261	1972 S	1972 S	1973 S	1973 S	1973. S	1973 S	1973 S	S 4261	S 5161

[&]quot;-" INDICATES HATCHERY NOT IN OPERATION

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

RELEASE	
RELEASE	
RELEASE LOCATION	BIG SPRINGS CR CLEAR CR LICHAA CR BIG SPRINGS CR CLEARWATER SF CLEARWATER SF CLEARWATER CLEAR CR CLEAR CR CLEAR CR CLEAR CR CLEAR CR CLEAR CR CLEAR CR CLEAR CR CLEAR CR
DATE	5/70 3/71 3/71 5/72 5/72 5/72 5/73 5/73 5/74 3-4/75
RANGE GRAM!	
AVE. GRAM/ FISH	**************************************
TOTAL WEIGHT (KGS)	7,274.3 1,324.5 1,324.5 1,236.5 1,236.5 1,236.5 1,034.6 1,047.8 1,047.8 1,047.8 1,047.8
NUMBER OF MIGRANTS	148,336 3,331 25,403 96,032 96,032 356,190 383,800 802,100 992,200
NUMBER OF SUB- MIGRANTS	8,859 354,380 73,451 75,790 327,565 5,571 256,396
9R000 YEAR	1958-68 1969 1969 1969 1970 1971 1971 1971 1972 1972 1972 1973 1975

TABLE 228.--COLUMBIA BASIN- IDAHO EAGLE MATCHERY RELEASE OF- SUMMER CHINOOK SALMON.

RELEASE	
RELEASE LOCATION	
RELEASE LOCATION	SALMON R SNAKE
OATE	4/76
PER	
AVE. GRAM! FISH	78.7
TOTAL WEIGHT (KGS)	987.2
NUMBER OF MIGRANTS	11,528
NUMBER OF SUB.	0
BROOD	1960-73

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

	RELEASE	
	RELEASE	
	RELEASE	SALMON R SNAKE
	DATE	4774
SALAURe	RANGE GRAM/ FISH	
SPRING CHINOS	AVE. GRAM/ FISH	8.2
	TOTAL HEIGHT (KGS)	56.2
KELEASE UF	NUMBER OF MIGRANTS	a
	NUMBER OF SUB- MIGRANTS	6,820
	BROOD	1959-72

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

DATE RELEASE RELEASE RELEASES LOGATION LOGATION	
DATE RELEASES	SALLON S SINKE
RANGE GRAM/ FISH	
AL AVE. RANGHE GRAGET GRAM GRAM GRAM GRAM GRAM GRAM GRAM GRAM	
EHO 6	
NUMBER TO ME MERANTS (M	
NUMBER OF SUB- MIGRANTS	
BR00D YEAR 1959-73	

TABLE 231 .-- COLUMBIA BASIN- IDAHO

	RELEASE	
	RELEASE	VALLEY GR
AND GAME	RELEASE	SALMON R SNAKE SALMON R SNAKE SALMON R SNAKE VALLEY CR SALMON R SNAKE SALMON R SNAKE VALLEY CR LEMHI R
IT OF FISH	DATE	4- 6/65 4- 6/66 4- 5/73 3- 4/75 3- 4/75
- IDAMO DEPARTMENT OF FISH AND GAME ROUT.	RANGE FISH	\$5.3° 56.6
CHERY - IDA STEELHEAD TROUT.	AVE. GRAM/ FISH	4 5 5 5 5 5 6 5 6 5 6 5 6 5 6 6 6 6 6 6
HAT OF-	TOTAL WEIGHT (KGS)	1.198.7 7.030.7 14.036.7 12.197.1 12.913.8 3.878.2 3.243.2
HAGERMAN HAT	NUMBER OF MIGRANTS	24° 150 138° 760 222° 285 215° 316 195° 665 179° 204 179° 205 64° 975
	NUMBER OF SUB- MIGRANTS	
	BROOD	1959-63 1964 S 1965 S 1972 S 1974 S 1974 S 1975 S

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

BROOD	NUMBER	NUMBER	TOTAL	AVE.	RANGE	DATE	RELEASE	RELEASE	RELEASE
TEAK	MIGRANTS	MIGRANTS	(KGS)	FISH	FISH	RELEASES	LOCATION	LOCATION	LOCATION
1958-65	•								
9961		8,000	6.8.8	8.5		5/68	SALMON R SNAKE		
9961		3,418	21.3	6.2		5/68	SALMON R SNAKE		
1961	181,220		276.7	- S		1/68	SALMON R SNAKE		
9961	171,000		51.7	0.3		12/68	SALMON R SNAKE		
1968		157,427	1,568.8	6.6		69/9	SALHON R SNAKE		
6961		205,800	8,439.1	41.1		19/70	SALMON R SNAKE		
0261	52,220		84.4	1.6		12/9	LEMHI R		
0 26 1		253,615	7,325.5	28.8		9-18/71	LENHI R		
1 26 1		310,837	9,645,6	31.1	26.5- 30.2	9-10/72	HAYDEN GR		
1972		151,000	4,723.3	31.2		10/73	HAYDEN CR		
1973	27.0,248		110.7	4.0		5- 6/74	LENHI R		
1973		500,710	9,122,2	18.2	14.1- 28.3	9-10/14	HAYDEN CR		
1973		250,156	9,931.0	39.6		4- 5/75	HAYDEN CR		
4 161		6,866	458.6	75.6		4/76	HAYDEN CR		
1975		260,956	8,219,5	31.4		9//6	HAYDEN CR		
5 26 1		276,600	7,252.8	26.2		10/76	HAYDEN CR		

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

RELEASE LOCATION

RELEASE															
RELEASE			LEMHI R	LENHI R	LEMHI R	LEMHI R	LENHI R	LENHI R	LENHI R	HAYDEN CR	HAYDEN GR				
DATE			4- 5/68	69/4	5/10	4- 5/71	4/72	4/13	10/73	11/73	4114	9-12/74	4/76	91/9	10/76
RANGE GRAM/ FISH					,	41.2- 75.5									
AVE. GRAM/ FISH			3404	33.4	4004	65.9	88.9	64.1	38.1	38.1	44.0	6.1	34.4	0.3	3.7
TOTAL MEIGHT (KGS)	•	6	12,731,9	2,923,9	7,658.4	9,965.4	6,998.5	2,030.3	1,791.7	1,603.9	3,509.9	476°3	7,750.1	97.5	4.866
NUMBER OF MIGRANTS	•	0				158,402							225,265		
NUMBER OF SUB- MIGRANIS	•	0										239,850		258,666	264,216
BROOD	1959-65	9961	2 2961	1968 S	1969	S 0261	S 1261	1972 S	1972 5	1973	1973 S	S # 161	S 5261	S 9161	1 976 S

TABLE 234.--COLUMBIA BASIM- IDAHO MACKAY HATCHERY RELEASE OF- SUMMER CHINOOK SALMON.

RELEASE	
RELEASE	
RELEASE LOCATION	SALMON R SNAKE
DATE	4/76
FISH	
AVE. GRAM/ FISH	20.5
TOTAL WEIGHT (KGS)	5,783.3
NUMBER OF MIGRANTS	285,600
NUMBER OF SUB- MIGRANTS	0
BROOD	1960-73

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

RELEASE	
RELEASE	
RELEASE	SALMON R SNAKE
DATE	4776
ZANGE GRAM/ FISH	
AVE. GRAM/ FISH	13.0
TOTAL WEIGHT (KGS)	1,9145,3
NUMBER OF MIGRANTS	87,968
NUMBER OF SUB- MIGRANTS	0
BROOD	1960-73

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

RELEASE	
RELEASE	
RELEASE	LOCHSA R
RELEASES	6/76
S S S S S S S S S S S S S S S S S S S	
AVE. GRAN/ FISH	9.6
TOTAL MEIGHT (XGS)	120.7
NUMBER OF MIGRANTS	•
NUMBER OF SUB= MIGRANTS	0 0 6 2 6 2 1
BROOD FEAR	1960-74

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

NUMBER				10000	2440	2002	DEI FASE	TA TA
OF SUB-	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	GRAM/ FISH	FISH	RELEASES	LOCATION	LOCATION	LOCATION
•	٠	•				O Sanoa Sanaa		
20.400		476.3	16.2		19/4	NO NO N		
20000		13. A61. R	23.5		2- 6/67	SNAKE R		
5879783				-		PAHSTMFROI R		
	1,364,842	55, 31 Zell	46.0					
3420166		2,142,8	2.9					
	1.664.325	90.730.7	54.5		3- 5/68	PAHSIMEROI K		
000		RALES	6		5/69	SNAKE R		
1034501	1 545 180	81-147.7	E 49.3		3- 5/69	PAHSIMEROI R		
	190429188	2 421 6		7.80 3.9	10/69	SNAKE R		
157,500		0012/62			1/70			
385,900		3944103	0.0	206 200	27.30	O DANKE		
	4,508	288.8	63.8					
	1.668,000	129,273.8	80.3		3- 5/78	PAHSINEROT K		
670.960		1,814.4	2.7	2.5- 2.7				
	1.630.002	89,710.6	55.0		3- 4/71	PAHSINEKUI K		
215.625		850.5	3.9		_			
E1 28 0E2	1 555.050	105.913.B	68.1		3- 5/72	PAHSINEROI R		
	00000000	320.2	-		6/72	LEMMI R		
29 15 29 304					10/72	SNAKE R		
630,900		1,636.9	6.5		10/17	CI FARMATER R		
217,800		7.984	•		•	DAUCTMEDOT D		
	1.432,520	67,766.7	47.3		3- 5/13	PANSTHEROT	SALVON O CHAVE	VALLEY
	1.960.378	84.253.9	42.9		3- 5/74		SALHUN A SHANE	
	287.530	12.763.6	44.3		5/74	COL BLW BONN O		
	221 280	75.519.8	56.7		3- 5/75	PAHSINEROI R		
	193319500	12921200			9/75	SNAKE R		
40,977		386.5	***		5/76	SALMON R SMAKE		
	040 6 28	3,754.5				DAUCTUEDOT D		
	1,633,350	118,903,3		37.07-11303	01/4 -0			

TABLE 238.--COLUMBIA BASIN- IDAHO
OXBOW HATCHERY
- IDAHO DEPARTMENT OF FISH AND GAME
PRIFASE DE- FAIL CHINDON SAMON

	RELEASE RELEASE LOCATION			œ	~		04	04	·
	RELE			SNAKE	SNAKE	SNAKE	SNAKE	SNAKE	SNAKE
	DATE			3- 6/65	99/9	5- 6/67	6/68	69/9	1/70
SALMON.	RANGE GRAM! FISH			1.4- 2.6					
CHINOOK SALNON	AVE. GRAM! FISH			2.0	2.8	1.8	2.3	3.2	2.1
FALL	TOTAL WEIGHT (KGS)		0	2,594.5	698.7	2,679.8	483.1	839.1	1,050.5
RELEASE OF-	NUMBER OF MIGRANTS		0	1,282,305	214,720	1,473,500	202,350	255,536	497,298
	NUMBER OF SUB- MIGRANTS	•	•						
	BROOD	1959-60	1961-63	1961	1965	1966	1961	8961	6961

SMAC	9 7 1
2	2
	FISH AND SAME
	5
BASIN- IDAHO	- IDAMO DEPARIMEN Nook Salmon.
TABLE 239 COLUMBIA	HSIMEROI MATCHERY LEASE OF- SUNMER CHI
TABL	PAH

		KELERSE	KELEASE OF SOME METANOS CALLED						
BROOD	NUMBER OF SUB-	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM! FISH	DATE	RELEASE	RELEASE LOGATION	RELEASE
1958-66 1969 1970 1971 1971 1972 1973	•	393°640 2552°071 146°247 102°506 129°162 217°118 330°037	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 6 6 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25.1- 32.3	5/70 5/71 5/72 5/72 5/73 5/75	PAHSIMEROI R		

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

RELEASE	
RELEASE	
RELEASE	PAHSIMEROI R
DATE RELEASES	5/74
RANGE GRAM/ FISH	
AVE. GRAN/ FISH	26.8
TOTAL WEIGHT (KGS)	30,55
NUMBER OF MIGRANTS	242,522
NUMBER OF SUB- MIGRANTS	10
BROOD	1959-68 1969-72 1973 S

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

N O	SNAKE	
RELEASE	SALMON	
RELEASE	CLEARWATER R	LENHI R
RELEASE	RAPID R CLEARMATER R SALMON R SNAKE	HAYDEN CR
DATE	3,66 3,66 3,66 3,66 3,66 3,66 3,66 3,66 3,66 3,67 4,77 6,67 6,67 1,77	7- 9/76
RANGE GRAM/ FISH	1.9- 12.5	
AVE. GRAM/ FISH	2000 00 00 00 00 00 00 00 00 00 00 00 00	3.5
TOTAL WEIGHT (KGS)	26 4 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	672.9
NUMBER OF MIGRANTS	580,000 1,460,150 3,172,000 2,718,720 2,809,200 2,809,200 2,717,301 117,000 3,373,700 139,700 66,000 5,358,940	
NUMBER OF SUB- MIGRANTS	8,751 21,249 1,058,850 479,100 750,100 1,149,300 90,712 21,840	192,134
BROOD	958-63 964-63 965 965 966 970 971 971 971 971 971 974 974	1975

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

					**			
MUMBER	NUMBER	TOTAL	AVE.	RANGE	DATE	RELEASE	RELEASE	RELEASE
OF SUB-	90	WEIGHT	GRAMI	SAAK S	RELEASES	LOCATION	LOCATION	LOCATION
MIGRANTS	MIGRANTS	(KGS)	FISH	FISH				
æ	0	0						
	95,275	1,168.0	12.2		3/72	LOCHSA R		
	115,000	2,886.5	18.1		4/73	LOCHSA R		
	180,900	3,039,1	16.7		3/15	LOCHSA R		
	10,250	4204	4.4		7/75	SF CLEARWATER		
	166.750	3.411.8	20.4		4- 5/76	LOCHSA R		

	LOGATION	
AND GAME	RELEASE LOCATION	SALMON R SNAKE SALMON R SNAKE SALMON R SNAKE SALMON R SNAKE SALMON R SNAKE
T OF FISH	DATE	9-10/71 9-10/72 9/73 6/74 9/75
TABLE 243COLUMBIA BASIN- IDAHO DECKER POND - IDAHO DEPARTMENT OF FISH AND GAME RELEASE OF- SPRING CHINOOK SALMON.	RANGE GRAM! FISH	7.9-6-6.0
A BASIN- ID - ID	AVE. GRAM/ FISH	2000 2000 2000 2000 2000 2000 2000 200
DOND OF- SPRING	TOTAL WEIGHT (KGS)	3,000 00 00 00 00 00 00 00 00 00 00 00 00
TABLE 24 DECKER P RELEASE	NUMBER OF MIGRANTS	34,000 4,000 1,000
	NUMBER OF SUB- MIGRANIS	368*410
	BROOD	1958-69 1971 1972 1972 1973

RELEASE

TABLE 244.---COLUMBIA BASIN- OREGON EAGLE CREEK HATCHERY - US FISH AND WILDLIFE SERVICE RELEASE OF- FALL CHINOOK SALMON.

	RELEASE						WILLAMETTE R					
	RELEASE LOCATION						SANTIAN R		WILLAMETTE R		HILLAMETTE R	
	RELEASE LOCATION	EAGLE CR CLAK	EAGLE CR CLAK	EAGLE CR CLAK		EAGLE CR CLAK	MCKENZIE R	CLACKAHAS R	CLACKAMAS R		MCKENZIE R	CLACKAMAS R
	DATE RELEASES			19/9					51/65		2167	5/68
•	RANGE GRAM/ FISH								3.9- 1.1			
THE VOONTH	AVE. GRAM/ FISH	4.0	6.1	2.1		4.	4.0	9.1	0.1		4.0	6.0
ACLEASE OF THE CHIMOON SACTORS	TOTAL WEIGHT (KGS)	464.8	5,705,3	4.761.4	•	3,421.0	2,189.2	1,487.8	1.084.1	•	555.2	1.689.6
MELENSE	NUMBER OF MIGRANTS		2,890,274	2, 193,611	0	2,435,531		1,427,326	1,054,720	0		
	NUMBER OF SUB-	1,012,607			0		4º439,783			0	1,163,211	1.813.800
	BROOD	1959	1959	1960	1961	1962	1953	1963	1961	1965	9961	1961

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

		NOTE IN STREET	-						
BROOD	NUMBER OF SUB-	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAN/ FISH	RANGE GRAM/ FISH	DATE RELEASES	RELEASE LOCATION	RELEASE	RELEASE
		71.0.100	12.697.3	1601		1/69	CLACKAMAS R		
928		632 372	8 42 5 B	15.7		2/61	CLACKAMAS R		
1959		2000000	2,916,1	26.7		2/62	CLACKAMAS R		
1961		1000	7.5.5	2.5		3/62	DESCHUTES R		
1961	120,000		10 626 7	2 2 2	15.10 21.5	2- 5/63	CLACKAMAS R		
1961		5764745	4001000	16.0			WILLAMETTE R		
1962		1629 683	20.172.6			1- 3/64	CLACKAMAS R		
2961		2.481.566	23.390.6	4.6		12/64	CLACKAMAS R		
200	000	000610467	1.153.9	2.3		8/65	DESCHUTES R		
100	2004000		3,367,5	3.8		69/6	CLACKAMAS R		
900		720.080	7.494.3	10.4		11-12/65	CLACKAMAS R		
406		250-000	3.522.1	14.0		12/65	WILLAMETTE R		
*05			20013306	14.5		2/66			
* 000	600		619.6	6.5	0.8- 2.2	99/8 -9	DESCHUTES R	EAGLE CR CLAK	
200		211.500	2.810.0	13.2		2/67	DESCHUTES R		
200		2.220.727	28.094.2	12.6	12.5- 13.7	2/67	CLACKAMAS R		
200		33.900	263.1	7.7	6.9- 10.0	10-11/67	CLACKAMAS R		
000		1 - 40 4 . 000	20.356.3	14.5		4/68	CLACKAHAS R		
1300		15.000	176.9	11.7		11/68	CLACKAMAS R		
1967		15.630	181.9	9.11		1/69	CLACKAMAS R		
1967		1.157.613	20,239.3	17.6		2/69	CLACKAMAS R		
88		10,180	200.9	19.7		4/70	DESCHUTES		
8 90		676,913	16,958,9	25.0	15.5- 25.6	1- 6/70	MAS		
0 90		460.150	12,485.1	27.1		12/4	8		
0201		75.388	3,647.3	48.3		2115	Š		
1071		953.232	25, 169,8	26.4		5/13	3		
1001		857	26.3	38.6		6/13	ğ		
1072		552.510	13,635.0	24.6		4/14	_		
216		606.570	18.776.0	30.9		5/15	2		
1973		848.651	22,211.5	26.1		2116	EAGLE CR CLAK		
- 16									

TABLE 246COLUMBIA BASIN- OREGON EAGLE CREEK HATCHERY US FISH AND WILDLIFE SERVICE RELEASE OF- COHD SALMON.	NE. RANGE DATE RELEASE RELEASE RELEASE RELEASE RALEASE RELEASE	21.9 12.5-19.7 3/61 EAGLE CR CLAK 21.9 12.5-19.7 3/61 EAGLE CR CLAK 21.9 16.1-23.8 3-4/62 CLACKAMAS R 21.0 16.1-28.3 2-4/63 CLACKAMAS R 21.0 17.1-23.8 1-4/64 CLACKAMAS R 21.0 17.1-12.9 11-12/64 CLACKAMAS R 21.0 2 10.7-12.9 11-12/64 CLACKAMAS R 21.0 3 4.0 11-12/64 CLACKAMAS R 21.0 11.0 11.0 11.0 11.0 11.0 11.0 11.0
K HATCHERY - COND SALMON.	TOTAL AVE. MEIGHT GRAM/ (KGS) FISH	24, 123.4 129, 123.4 129, 173.4 12, 677.9 8, 731.0 21, 324.0 3, 559.9 3, 559.9 3, 559.9 21, 02.0 21, 02.0 21, 02.0 21, 02.0 22, 150.0 3, 559.0 21, 02.0 22, 02.0 23, 559.0 24, 76.0 27, 47.0 27, 47.0 28, 47.0 28, 459.7 28, 459.7 28
TABLE 246. EAGLE CREEI RELEASE OF	NUMBER OF MIGRANTS	1, 276, 478 1, 270, 679 1, 012, 377 506, 690 687, 141 695, 377 756, 299 1, 500, 453 1, 500, 453 1, 162, 163 1, 162, 163 1, 162, 366 1, 162, 366 1, 163, 296 1, 19, 296 1, 296
	NUMBER OF SUB-	558,500 865,800 12,637 184,092 549,000 798,506 1,126,587
	BROOD	959 959 960 960 960 960 960 960 970 971 971 972

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

	RELEASE																																											_
	RELEASE LOCATION																																										1	EAGLE CR CLAK
	RELEASE		EAGLE CR CLAK		EAGLE CR CLAK		FACIF CP CLAK	3	HETT	JOHN DAY R			MET	3 6	LITTE ON CLAR			HARM SPRINGS R		CLACKAMAS R	EAGLE CR CLAK		2	CLACKAMAS	CLACKAHAS K	CI ACKAMAS D	EAGLE CR CLAK	8	8	S	8	8	2 2	3 6	2 6	3 6	FAGIF CR CLAK	3 2	8	CR	3	CR	EAGLE CR CLAK	CLACKAMAS R
	DATE RELEASES		3/60	3/60	10-12/60	2/01	5/61	1762	4- 5/62	6/62	4- 6/63	49/9	4- 5/64	12/64	10/21	3/66	3- 5/66	5/66	99/5		3- 5/67	6/67	5/68	2/68	8/08	6074	69/9 -7		69/9	1/70	4/70	11/70	5775	2/0	2/10	3/12	5112	5- 6/72			2174	2115	5115	2116
	RANGE SRAM/	HST			56.6- 75.5				13.7- 37.7		11.3- 32.3		20.6- 32.3		200		37.7- 50.3		23.8- 26.6		37.7- 45.3						28.3- 41.2														37.07- 50.3			
יבאם ואסם	AVE. GRAM/	HCTL	76.2	74.7	68.7	41.00	35.4	59.7	22.0	0.3	18.1	46.6	21.3	32.9	***	0 0 0	7.70	23.1	24.8	8.7	4004	16.8	27.3	50.9	7.1	0 0	31.0	76.4	0.1	2.9	23.8	147.4	300	*	200	2000	5 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0.0	58.3	P P	42.8	0.11	53.5	25.6
	TOTAL	(KES)	11,283.1	5,879,9	9,967.2	30-133-60	3.083.5	2-971-0	13,519.8	59.0	8,619,6	2,067.5	3.084.8	3,045,9	2000	3-620032	9.959.5	1.157.1	2,031,2	46.3	9,224.7	3,431.9	7,225.7	1,202.0	0.000	4 - 8 4 2	10-644-9	6.395.2	31.8	1,095.4	2,883.0	1.769.0	2,493,9	19009	4,62300	39 13/06	8.330.2	4 4	11.946.11	6.40	10,054.8	147.4	5,193,2	9-141.2
1000	NUMBER	MINKANIS	148,364	78,621	145,056	00007	38,554	10 - 7 B D	612,576		474,767	44,363	144,350	92,487	107 71.0	55.155	213,233	50.000	81,891		228,285	213,598	264,500	57,300		901401	341,353	83.620			120,900	12,000	27,488	***	876 6011	100 6 17	183.487	-	204,820		234,750		96,890	154-220
	NUMBER OF SUB-	HIGKANIS								174,590					22,005					5,300					33045				272,000	372,000				0004744				17.295		211.329		13,312		
	00.		x	r	x :	x :	x 3	= 3	: 3:	x	x	x	1	x :	E :	E)	. 3	*	×	I	r	1			x 3		E 3	x	1				3 /		x :	x :	E 3	ב א	×	. *	I	x	x	3
	BROOD		1958	1958	1959	323	1960	0 0	1961	1962	1962	1962	1963	1963	405	1 96	1965	1 96 5	1965	9961	986	9961	1961	1961	900	000	96.9	1968	6961	1969	6961	6961	6961	300	0.61	12/6	100	1972	1972	1973	1973	1 97 4	1974	1975

TABLE 248.--COLUMBIA BASIN- OREGON BIG CREEK HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE RELEASE OF- FALL CHINOOK SALMON.

		ארדרעאר	100	TO VOCATION					
BROOD	NUMBER OF SUB-	NUMBER	TOTAL	AVE.	RANGE	DATE	RELEASE	RELEASE	RELEASE
	HIGRANTS	S	(KGS)	FISH	FISH				Y
656		1,864,346	2,596.8	1.3	1.2- 1.4	3- 4/60	BIG CR		
096		1,723,491	4,713,3	2.7		3/61	BIG CR		
196		1,013,671	2,642.2	2.6		5/62	BIG CR		
362		974,585	3,230.0	3.3		5/63	BIG CR		
963		1,985,838	8,814.2	4.4		2164	BIG CR		
496	520,349		198.7	0.3		1/65	BIG CR		
196			7,251.6	5.0	3.8- 6.0	69/9	BIG CR		
365		598,187	1,547.7	3.6		4/66	SANTIAN R		
965		1,115,354	6,329,9	5.6		2166	BIG CR		
996	5,00		8	0.3		12/66	COL RIVER !		
996	479,235	5	183.3	0.3		1/67	WILL ANETTE R		
996			1.406.1	2.7		19/4	HILL AMETTE R		
996		2,623,795	15,005.7	5.7		2167	BIG CR		
1961		500,200	1,233.8	2.4		3/68	WILL AMETTE R		
1961		5,218,778	29,557,9	5.6		4/68	BIG CR		
896		246,140	1.418.8	5.7	5.6- 5.9	69/5	SANT IAM R		
8961		266,780	2,034,8	7.6	4.9- 20.6	5- 7/69	COL RIVER !		
8961		3, 312, 529	16,585.6	5.8		5/69	BIG CR		
696		4,164,795	24,177.4	5.8		5/78	BIG CR		
0 26 1	602,896		510.3	0.8		11/5	BIG CR		
0 16		8,325,154	22,273,2	2.6	2.0- 3.3	12/5 -4	BIG CR		
0 26 1		123,282	7,646.2	62.0		11/11	BIG CR		
1 26 1		10,837,534	56,226,9	5.6	5.1- 6.0	5172	BIG CR		
1 26		97.76	7,210.8	73.7		11/72	BIG CR		
972		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		
4 16	784,387		334.8	4.0		12/74	BIG CR		
4 16 1			857.7	2.1		4/15	BIG CR		
+ 161		5,802,164	34,646.7	5.9		4/75	BIG CR		
1975		64 599,659	61,088.3	6.3		5/76	BIG CR		

TABLE 249.--COLUMBIA BASIN- OREGON BIG CREEK HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE RELEASE OF- COHD SALMON.

321,135 842,741 444,288 2,860 155,480
397,240

TABLE 250.--COLUNBIA BASIN- OREGON BIG CREEK HATCHERY - OREGON DEPARTMENT OF FISH AND MILDLIFE RELEASE OF- CHUN SALMON.

RELEASE										
RELEASE										
RELEASE LOCATION	1000	12-27			BIG CR					
DATE	3/60	2/61	4/62	3/63	2- 3/64	57/65	99/5	29/67	4/68	69/4
RANGE GRAN/ FISH										
AVE. GRAM/ FISH	0.3	0.3	80.03	0.7	0.3	0.3	2.9	3.3		P. 9
TOTAL WEIGHT (KGS)	452.2	87.1	259.9	1.661	120.7	65.8	929.9	1.259.2	244.8	188.9
MUMBER OF MIGRANTS			314.577	280.894			315,367	371.971	135.038	82,641
NUMBER OF SUB- MIGRANTS	1.229.994	218.926			319.464	173.866	20040			
BR 00 D	959	1960	1 96	2962	1963	196	2 96	986	1967	968

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

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

		RELEASE	OF- FALL	CHINOOK SALMON	ALMON.				
BROOD	NUMBER OF SUB-	NUMBER	TOTAL	AVE.	RANGE	DATE	RELEASE	RELEASE	RELEASE
	MIGRANTS	MIGRANTS	(KGS)	FISH	FISH			1 3	
6561		11,873,957	14.729.5	1.2	4.5- 1.4	19/5 -4	TANNER CR		
1959	200, 978		143.8	1.0		5/60	ш		
1961		3,431,833	5,267.1	1.5		19/5	TANNER		
1961		3,829,617	5,574.7	+		29/9	i		
1962		4,635,279	13,378,3	2.8		6/63	TANNER		
1963		9,545,463	31,841.7	3.3		49/9	TANNER		
1961	1,000,000		394.6	8.3		3/65			
1961	800,000		315.7	0.3		3/65			
1961	895,000		352.9	0.3		3/65	WILL AMET		
1961		9,601,061	28,189.4	2.9		6/65	TANNER CR		
1965		1,000,848	1,347.6	1.3		2/66			
1965		5,579,874	33,068.7	5.9		99/9			
1966	180,000		35.8	0.3		2/67			
9961	3,800,000		1.690.1	0.3		2/67	SANTIAM R		
1966	485,000		172.8	0.3		2/67	ш		
9961	426,435		152.0	B. 3		3/67	WILLAMETTE R		
1966		1,000,000	1,080.5	0.1		19/9	TANNER CR		
986		5,676,868	26,245,3	4.6		19/9	TANNER CR		
1961	555,800		208.7	6.3		2/68	WILLAMETT		
1961	671,145		295.7	4.0		2/68			
1961	1,171,069		501.7	† · B		2- 3/68	WILLAMETT		
1961	220,314		228.2	0.1		4/68	MCKENZ		
1961		6,057,038	37,105.2	6.1		89/9			
1968		5,047,530	21,126,1	4.1	3.8- 4.4		TANNER		
1968		1,382,691	3,909,5	2.8		69/9	BIG CR		
1969		6,213,215	28,119.5	4.5		5/70	TANNER		
1970		4,826,983	10,407.7	2.1					
1 26 1		1,267,371	5,179,1	4.2		5112	TANNER		
1972		10,782,536	51,158.1	4.7	3.9- 5.8	2.	TANNER		
1973		9,842,078	34,779.6	3.5	3.3- 4.4		TANNER		
1974		10,403,079	41,544.5	3.9			TANNER		
1975		7,475,970	41,450.6	5.5		4/16	TANNER CR		
1975		12,494,122	71,972.0	5.7		5/16	TANNER		

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

17.7 1.51 3/60 TANNER CR 3/60 TANNER CR 3/60 HOLD RR CR 6.6 1.6 6 HOLD RE CR 6.6 1.6 6 TANNER CR 6.6 1.6 6 TANNER CR 6.6 1.6 5 TANNER CR 6.6 5 TANNER CR 6.7 5 TAN
3760 TANNER CR 3760 HOOD R 1-3761 TANNER CR 1-3762 TANNER CR 4763 TANNER CR 3-5763 HILLAMETTE 3763 HOOD R 4764 TANNER CR 4765 TANNER CR 4765 TANNER CR 3765 HILLAMETTE 3766 MILLAMETTE 3766 MILLAMETTE 3767 TANNER CR 3768 MILLAMETTE 3769 TANNER CR 4770 TANNER CR 4770 TANNER CR 4771 TANNER CR 4773 TANNER CR 4773 TANNER CR 4773 TANNER CR 4774 TANNER CR 4774 TANNER CR 4774 TANNER CR 4774 TANNER CR 4775 TANNER CR 4775 TANNER CR 4775 TANNER CR
2-3/61 TANNER CR 4/62 TANNER CR 4/62 TANNER CR 4/63 TANNER CR 4/64 TANNER CR 4/65 TANNER CR 4/65 TANNER CR 4/65 TANNER CR 4/65 TANNER CR 3/65 MILLAMETTE 5/65 MILLAMETTE 5/65 MILLAMETTE 5/65 TANNER CR 3/64 TANNER CR 5/65 TANNER CR 5/74 TANNER CR 6/77 TANNER CR
1-3/62 TANNER CR 1-3/62 WILLAMETTE 4/63 WILLAMETTE 3/63 WILLAMETTE 3/64 TANNER CR 4/65 TANNER CR 4/65 TANNER CR 3/65 MILLAMETTE 3/76 MILLAMETTE 4/77 MILLAMETTE 4/77 MILLAMETTE 4/77 MILLAMETTE 4/77 MILLAMETTE 3/74 MILLAMETTE 3/75 MINNER CR 4/75 MINNER CR 4/75 MINNER CR 4/77 MI
1-3/62 MILLAMETTE 3-5/63 MILLAMETTE 3/63 MILLAMETTE 3/63 MILLAMETTE 4/65 TANNER CR 3/65 MILLAMETTE 5/65 MILLAMETTE 5/69 MILLAMETTE 5/69 MILLAMETTE 5/70 MILLAMETTE 5/71 MILLAMETTE 5/72 MILLAMETTE 5/73 MILLAMETTE 5/73 MILLAMETTE 5/74 MILLAMETTE 5/75 MILLAM
3- 6/63 TANNER CR 3/63 HOOD R 4/64 TANNER CR 4/65 TANNER CR 3/65 TANNER CR 3/65 TANNER CR 8/65 TANNER CR 3-66 TANNER CR 3-66 TANNER CR 3-66 TANNER CR 3-66 TANNER CR 3-67 TANNER CR 3-68 TANNER CR 4/79 MILLAMETTE 12/69 TANNER CR 1/70 TANNER CR 4/71 MILLAMETTE 1/70 TANNER CR 4/71 MILLAMETTE 1/70 TANNER CR 4/71 TANNER CR 4/72 TANNER CR 4/73 TANNER CR 4/74 TANNER CR 4/74 TANNER CR
3763 HOOD R 4764 TANNER CR 4765 TANNER CR 3765 DESCHUTES R 4765 TANNER CR 8765 HILLAMETTE 8766 MILLAMETTE 8766 MILLAMETTE 8766 MILLAMETTE 8766 MILLAMETTE 8766 MILLAMETTE 8767 TANNER CR 8776 TANNER CR 8776 TANNER CR 8777 TANNER CR
12/64 TANNER CR 12/64 TANNER CR 3/65 DESCHUTES R 4/65 HILLAMETTE 5/65 HILLAMETTE 5/67 TANNER CR 5/77 TANNER CR
12/64 TANNER CR 3/65 TANNER CR 3/65 DESCHUTES R 4/65 HILLAMETTE 3/66 TANNER CR 3-4/66 HILLAMETTE 3/66 TANNER CR 3/66 TANNER CR 3/66 TANNER CR 3/66 TANNER CR 3/69 TANNER CR 4/79 TANNER CR 4/70 TANNER CR 4/71 TANNER CR 4/71 TANNER CR 4/71 TANNER CR 4/72 TANNER CR 4/73 TANNER CR 4/73 TANNER CR 4/74 TANNER CR 4/74 TANNER CR 4/77 TANNER CR
37.5 TANNER CR 47.65 TANNER CR 47.65 MILLAMETTE 37.65 MILLAMETTE 37.66 MILLAMETTE 37.66 MILLAMETTE 37.67 MILLAMETTE 37.69 TANNER CR 47.70 TANNER CR 47.70 TANNER CR 47.71 TANNER CR 47.71 TANNER CR 47.71 TANNER CR 47.72 TANNER CR 47.73 TANNER CR 47.74 TANNER CR
3765 DESCRUTES R 4/65 HILLAMETTE 5/65 TANNER CR 3/66 TANNER CR 3/66 MILLAMETTE 3/67 TANNER CR 3/68 TANNER CR 3/69 TANNER CR 4/79 TANNER CR 4/79 TANNER CR 4/71 MILLAMETTE 12/69 TANNER CR 4/71 TANNER CR 4/72 TANNER CR 4/74 TANNER CR 3/74 TANNER CR 3/74 TANNER CR 3/74 TANNER CR 4/74 TANNER CR
265 TANNER CR 3765 TANNER CR 3766 TANNER CR 3767 TANNER CR 3768 TANNER CR 3768 TANNER CR 3769 TANNER CR 4779 TANNER CR 4771 MILLAMETTE 1279 TANNER CR 4771 TANNER CR 4771 TANNER CR 4772 TANNER CR 4773 TANNER CR 4773 TANNER CR 4774 TANNER CR 4774 TANNER CR 4774 TANNER CR 4775 TANNER CR 4774 TANNER CR 4775 TANNER CR 5774 TANNER CR 5774 TANNER CR
265 TANNER CR 3-4/66 HILLAMETTE 3/67 TANNER CR 3/68 TANNER CR 3/68 TANNER CR 3/69 TANNER CR 1/70 TANNER CR 1/70 TANNER CR 1/70 TANNER CR 4/71 TANNER CR 4/71 TANNER CR 4/72 TANNER CR 4/73 TANNER CR 4/73 TANNER CR 4/74 TANNER CR 4/74 TANNER CR 3/74 HILLAMETTE 4/77 TANNER CR 4/77 TANNER CR 4/77 TANNER CR 4/77 TANNER CR 3/74 TANNER CR 3/74 TANNER CR 4/77 TANNER CR
3-4/66 HILLAMETTE 3/67 TANNER CR 3/68 HILLAMETTE 3/68 TANNER CR 3/68 TANNER CR 3/69 TANNER CR 1/79 TANNER CR 1/79 TANNER CR 4/71 MILLAMETTE 5-4/72 TANNER CR 4/71 TANNER CR 4/73 TANNER CR 4/73 TANNER CR 4/73 TANNER CR 4/74 TANNER CR 3/74 HILLAMETTE 4/75 TANNER CR 3/74 HILLAMETTE 4/75 TANNER CR 3/74 TANNER CR 3/74 TANNER CR 3/74 TANNER CR 3/74 TANNER CR 6/77 TANNER CR
3-4/66 MILLAMETTE 3/67 TANNER CR 3/68 TANNER CR 3/68 TANNER CR 3/69 TANNER CR 1/70 TANNER CR 1/71 MILLAMETTE 28.3-34.8 3-4/72 TANNER CR 4/77 TANNER CR 4/77 TANNER CR 4/77 TANNER CR 3/74 TANNER CR 4/77 TANNER CR
2-3/67 HILLAMETTE 3/68 MILLAMETTE 3/69 TANNER CR 4/69 TANNER CR 1/70 TANNER CR 4/70 TANNER CR 4/71 TANNER CR 4/71 TANNER CR 4/71 TANNER CR 4/71 TANNER CR 4/72 TANNER CR 4/73 TANNER CR 3/74 SANIAM R 4/74 TANNER CR 3/74 TANNER CR 3/74 TANNER CR 3/74 TANNER CR 3/74 TANNER CR 4/77 TANNER CR 3/74 TANNER CR 4/77 TANNER CR 5/77 TANNER CR 5/77 TANNER CR 5/77 TANNER CR 5/77 TANNER CR
3.68 MILLAMETTE 4.69 TANNER CR 12.69 TANNER CR 17.0 TANNER CR 17.0 TANNER CR 4.71 MILLAMETTE 3-4.72 TANNER CR 4.71 TANNER CR 4.72 TANNER CR 3.74 MILLAMETTE 4.73 TANNER CR 3.74 MILLAMETTE 4.73 TANNER CR 3.74 MILLAMETTE 4.77 TANNER CR 3.74 TANNER CR 3.74 TANNER CR 3.74 TANNER CR 3.74 TANNER CR 3.74 TANNER CR 5.77 TANNER CR
3768 MILLAMETTE 4769 TANNER CR 12769 TANNER CR 170 TANNER CR 4770 TANNER CR 4771 MILLAMETTE 3-4772 TANNER CR 4771 TANNER CR 4771 TANNER CR 4772 TANNER CR 4773 TANNER CR 3774 MILLAMETTE 4773 TANNER CR 3774 MILLAMETTE 4775 TANNER CR
3-4/69 TANNER CR 12/69 TANNER CR 12/69 TANNER CR 1/70 TANNER CR 4/71 TANNER CR 4/71 TANNER CR 4/71 TANNER CR 4/71 TANNER CR 3/74 TANNER CR 3/74 MILLAMETTE 4/73 TANNER CR 3/74 MILLAMETTE 4/75 TANNER CR 3/74 TANNER CR 4/75 TANNER CR 4/75 TANNER CR 4/75 TANNER CR
3-4/69 WILLAMETTE 12/69 TANNER CR 1/70 TANNER CR 4/71 MILLAMETTE 3-4/72 TANNER CR 4/71 TANNER CR 4/71 TANNER CR 3/73 MILLAMETTE 4/73 TANNER CR 3/74 WILLAMETTE 4/75 TANNER CR 4/75 TANNER CR 4/75 TANNER CR 4/75 TANNER CR
28.3-34.8 3-4/72 TANNER GR 4/71 HILLAMETTE 3-4/72 TANNER GR 4/71 TANNER GR 4/71 TANNER GR 3/73 HILLAMETTE 4/73 TANNER GR 3/74 HILLAMETTE 3/74 SANTIAN R 4/75 TANNER GR 4/75 TANNER GR
4/70 TANNER CR 4/71 MILLAMETTE 3-4/72 TANNER CR 4/71 TANNER CR 4/72 TANNER CR 3/73 WILLAMETTE 3/74 HILLAMETTE 3/74 TANNER CR 3/74 TANNER CR 4/75 TANNER CR 4/75 TANNER CR
3-4/71 MILLAMETTE 3-4/72 TANNER CR 4/71 TANNER CR 3/72 TANNER CR 3/73 TANNER CR 3/74 MILLAMETTE 4/73 TANNER CR 3/74 FILLAMETTE 4/75 TANNER CR 4/75 TANNER CR 4/75 TANNER CR
3-4/72 TANNER CR 4/71 TANNER CR 4/71 TANNER CR 3/73 WILLAMETTE 4/73 TANNER CR 3/74 FANNER CR 4/75 TANNER CR 4/75 TANNER CR 4/75 TANNER CR
28.3-34.8 3-4/72 TANNER GR 3/73 WILLAWETTE 4/73 TANNER GR 3/74 WILLAMETTE 3/74 SANTIAN R 4/75 TANNER GR 4/75 TANNER GR
28.3-34.8 3-4/72 IANNEK GR 3/73 WILLAMETTE 4/73 TANNER GR 3/74 WILLAMETTE 3/74 SANTIAN R 4/75 TANNER GR 4/75 TANNER GR
4/73 TANNER CR 3/74 HILLAMETTE 3/74 SANTIAN R 4/74 TANNER CR 4/75 TANNER CR
3/74 HILLAMETTE 3/74 SANTIAM R 4/74 TANNER CR 4/75 TANNER CR
3/74 MILLANEITE 3/74 SANTIAN R 4/74 TANNER CR 4/75 TANNER CR
3/74 SANITAR 4/74 TANNER 4/75 TANNER 4/75 TANNER
4/74 TANNER 4/75 TANNER 4/76 TANNER
4776 TANNER
ALVANAL COLOR

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

RELEASE LOCATION	
RELEASE	SANDY R
DATE	19/4
SRAM! FISH	
AVE. GRAM/ FISH	26.6
TOTAL WEIGHT (KGS)	261.7
NUMBER OF MIGRANTS	9,889
NUMBER OF SUB- MIGRANTS	a
800	×
83000 YEAR	1959

RELEASE LOCATION

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

Hight Release High Release Hig	9	Net Are and a second	6	TALL CAINOUN SALAUNS	ALTON.				
4,966.8	NUMBER OF SUB- MIGRANIS		TOTAL WEIGHT (KGS)	GRAN/ FISH	SRAM! FISH	DATE	RELEASE	LOCATION	RELEASE
3,281,913 10,310.6 3.1		5,560,532	4.966.8	60	-	3768	9		
4, 842, 554 6, 911, 8 1.4 6/62 EAGLE CR 6, 517, 918 9, 944, 1 2.3 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8 5.8		3,281,913	10,310.6	3.1		19/9	CR		
\$\(\frac{4}{5}\) = \(\frac{4}{		4 , 84 2 , 554	6,911.8	1.4		6/62	CR		
5.734.238 2.359.6		4,217,910	9,944.	2.3		6/63	CR		
5.734.238 12,188.5 2,1 4,65.144 2,532.0 17.44 2,532.0 17.44 2,532.0 17.44 2,532.0 17.44 2,532.0 17.44 2,532.0 17.44 2,532.0 17.44 2,532.0 17.44 2,532.0 17.44 2,532.0 17.44 1.02 2.95.3 3,40.54 1.02 2.95.3 1.02 2.95.6 8.04 1.02 2.95.6 8.04 1.02 2.95.6 8.04 1.04		67,912	2,369.6	34.8		49/4	CR		
4,789,551 44, 2,532.0 17.4 4,65 EAGLE CR 6,528.2 14,629.7 3.1 6,629.7 3.1 6,629.7 3.1 6,629.7 3.1 6,629.7 3.1 6,629.7 3.1 6,629.7 3.1 6,629.7 3.1 6,629.7 3.1 6,629.7 3.2 6.6 6.6 EAGLE CR 6,620.4 4.0 6.3 2,65 EAGLE CR 6,66 EAGLE CR 7,53.0 0.3 2,63 EAGLE CR 6,66 EAGLE CR 6,63 EAGLE C		5,734,238	12,108.5	2.1		99/9	CR		
\$6.281		145,144	2,532,0	17.4		4/65	CR		
85,281 295,3 3,4 1,2 5/66 NCKENZIE 550,454 652,4 1,2 5/66 NCKENZIE 550,454 453,5 1,2 5/66 NCKENZIE 5/67 NILLAMETI 5/61,720 5/62 1,0 0 3 5/67 SANTIAN R 5/67 CLACKAMAS 3,828,240 17,4726 6,6 6 1,0 0 5/67 SANTIAN R 5/67 CLACKAMAS 5,6 5/67 SANTIAN R 5/68 NILLAMETI 5/61,0 0 6,4 5/68 NILLAMETI 5/61,0 0 6,4 5/68 NILLAMETI 5/68 NILLAME		4,709,551	14,629.7	3.1		6/65	CR		
3.813,288 15,624,4 4.0 6/66 EAGLE CR 299.4 8.3 13,288 15,624,4 4.0 6.3 6/66 EAGLE CR 299.4 8.3 289.4 8.3 289.4 8.3 289.4 8.3 2.67 MILLAMETT 299.4 8.3 2.67 MILLAMETT 290.4 8.5 1.0 2.67 MILLAMETT 290.4 8.5 1.0 2.67 MILLAMETT 290.4 8.5 1.0 2.67 MILLAMETT 290.6 6/67 EAGLE CR 40.9 6/67 EAGLE CR 40.9 6/67 EAGLE CR 276.8 8.0 6/68 SANTIAM R 286.9 8.6 6.0 8.4 8.8 8.7 8.5 8.7 8.7 8.7 8.8 8.7 8.8 8.7 8.7 8.7 8.8 8.8		85,281	295.3	3.4		1/65	02		
3,813,288 15,624,4 4,0 6/66 EAGLE CR 299,4 80,3 299,4 80,3 2/67 WILLAMETT 299,4 80,3 2/67 WILLAMETT 299,4 80,3 2/67 WILLAMETT 296,6 0,3 2/67 WILLAMETT 296,6 0,3 2/67 WILLAMETT 296,6 0,4 501,720 513,5 1.0 5/67 CLACKAMAS 3,828,240 17,478,6 4,5 6,6 6/67 EAGLE CR 4,098,543 28,662,5 1.0 6,4 2/68 MILLAMETT 2910,2 1.0 6/68 20,4 2/68 MILLAMETT 2910,2 1.0 6/68 1.0		650 9454	826.4	1.2		5/66	MCKENZIE R		
3,813,288 15,624,4 4.0 6.3 2/67 MILLAMETT 753.0 0.3 2/67 MILLAMETT 296.6 0.3 2/67 MILLAMETT 296.6 0.3 2/67 MILLAMETT 296.6 0.3 504,432 506.2 1.0 50.3 5/67 CACKAMAS 501,720 503.5 1.0 5/67 CACKAMAS 5/67 CACKAMAS 5/68,240 17,470.6 4.5 6.5 6/67 CACKAMAS 5/68 MILLAMETT 270.8 0.4 5/68 0.4 5/68 MILLAMETT 5/68.3 6.0 6/68 6/68 MILLAMETT 5/68.3 6/68 6/68 TANNER CR 2/67 6/68 1 TANNER CR 2/972,593 14,961.7 5.0 4.8 5.3 5/70 COL RIVER 15/68.1 18,961.7 6.8 6/68 1 ANNER CR 5/70 COL RIVER 3/68 16/65.8 16/65.8 16/68		350,000	453.6	1.2		5/66	SANTIAN R		
299.4 6.3 2/67 WILLAMETT 753.0 0.3 2/67 WILLAMETT 296.6 0.3 2/67 MCKENZIE 296.6 0.3 504,432 506.6 0.3 506.8 1.0 5/67 MCKENZIE 296.6 0.3 5/67 MILLAMETT 501,720 503.5 1.0 5/67 CLACKAMA 5/68 5/67 CLACKAMA 5/68 WILLAMETT 5/68.3 6.0 6.4 5/68 MILLAMETT 5/68.3 6.0 6/68 TANNER CR 2,972,593 14,961.7 5.0 4.8 5.3 5/70 COL RIVER CR 75,813 369.7 4.8 5/70 COL RIVER CR 5/70 5/70 MILLAMET CR 5/70 COL RIVER CR 5/70 5/70 TANNER CR 5/70 TANN		3,813,288	15,624.4	4.0		99/9	EAGLE CR CLAK		
504,432	792,00	•	299.4	6.3		2/67	WILLAMETTE R		
785,008 504,432 596.6 0.3 2/67 WILLAMETT 5/10 5/10 5/10 5/10 5/10 5/10 5/10 5/10	2,231,60	9	753.0	0.3		2/67			
504,432 506.2 1.0 5/67 SANTIAN R 501,720 503.5 1.0 5/67 CLACKAMAS 3,828,240 17,470.6 4,5 6,6 6,6 76 EAGLE CR 629,280 280 270.8 0.4 3/68 MILLAMETT 270.8 0.4 3/68 MILLAMETT 270.8 0.4 3/68 MILLAMETT 254,815 5/67 50.0 4,6 8 SANTIAN R 4,508,545 5/60 5/62 5 5,0 6,6 5/68 TANNER CR 4,508,543 14,961.7 5,0 4,8 5/70 COL RIVER 75,813 369,7 4,8 6,8 5/70 COL RIVER 75,813 369,7 6,8 3,340,581 18,945.6 3,2 5/72 TANNER CR	785,90		296.6	0.3		2/67	WILLAMETTE R		
\$1.00 \$1.720 \$1.00		5049432	506.2	0.1		5/67	SANTIAM R		
3,528,240 17,478,5 4,5 6,5 6,67 EAGLE CR 2720 3,628,240 17,478,5 0,4 6,5 0,4 3,72 1,20 3,68 HILLAMETT 254,815 5,12,400 4,098,543 28,652,5 5,0 4,8 6,8 6,8 75,1 3,5 4,8 6,7 6,8 14,961,7 5,0 4,8 8,8 1,8 1,8 1,8 1,8 1,8 1,8 1,8 1,8 1		501,720	583.5	-		5/67			
943,200 943,200 270,8 629,28 629,28 629,28 629,28 629,28 629,28 629,28 629,28 63,6 640,2 640,2 640,2 640,2 640,3 640,3 640,9 6		3,828,240		4.5		19/9	EAGLE CR CLAK		
554.86	943,20			4.0		3/68	WILLAMETTE R		
254,815 5540.2 1.0 478,745 501.2 1.0 544.3 1.0 544.3 1.0 544.8 512,40 4,68 6,78 6,78 6,78 6,78 6,78 6,78 6,78 6	629, 28		279.8	9.0		3/68			
\$91.2 0.0 \$44.3 0.0 \$4,68 CKENZIE R \$4,098.543 20,662.5 \$5.0 5.0 6,68 TANNER GR \$2,972,593 14,961.7 \$5.0 4,8 \$5.70 TANNER GR \$75,813 359.7 \$0 340.581 18,945.6 \$3,340,581 18,945.6 \$5.72 TANNER GR \$5.72 CLACKAMAS \$5.72 TANNER GR \$5.72 TANNER GR \$5.72 CLACKAMAS \$5.72 TANNER GR \$5.73 TANNER GR \$5.74 TANNER GR \$5.75 TANNER GR	1,254,81	21	540.2	0.4		3/68	WILLAHETTE R		
\$\\\^{\chi_0} \\^{\chi_0} \\^{	478,74	2	501.2	0.7		4/68	MCKENZIE R		
4,098,543 28,662,5 5.8 3.5- 4.3 6-7/69 BIG CR 2,972,593 14,961.7 5.0 4.8- 5.3 5/70 TANNER CR 158,710 735,3 4.8 5/70 COL RIVER 75,813 369,7 4.8 5/70 COL RIVER 3,340,581 18,945.6 3.2 5.72 TANNER CR	512,40	9	544.3	0.1		4/68	02		
4,508,385 16,875.0 3.7 3.5- 4.3 6-7/69 BIG CR 2,972,593 14,961.7 5.0 4.8- 5.3 5/70 TANNER CR 158,710 735.3 4.8 5/70 COL RIVER 75,813 369.7 4.8 5/70 COL RIVER 3,340,581 18,945.6 3.2 5/72 TANNER CR			20,652,5	5.0		6/68	TANNER CR		
2,972,593 14,961,7 5.0 4.8 5.3 5/70 TANNER CR 158,710 735,3 4.8 5/70 COL RIVER 75,813 369,7 4.8 5/70 COL RIVER 0 349,7 0.4 3/72 CLACKAMAS 3,346,581 18,945,6 3.2 5/72 TANNER CR		4,508,385	16,875.0	3.7					
158,718		2,972,593	14,961.7	5.0			TANNER CR		
75,813 369,7 4,8 5/70 COL RIVER 0 349,7 0,4 3/72 CLACKAMAS 3,340,581 18,945,6 3,2 5/72 TANNER CR		158,713	735.3	40.0		5/70	COL RIVER 3		
349.7 0.4 37.2 CLACKAHAS 3,340,581 18,945.6 3.2 5/72 TANNER CR		75,813	369.7	4 . B		5/70	RIVER		
349.7 0.4 3/72 CLACKAHAS 3,340,581 18,945.6 3.2 5/72 TANNER GR	_		9						
3,340,581 18,945.6 3.2 5.72 TANNER CR	806,05	2	349.7	9.0		3/72			
			18,945.6	3.2		5/72			

ų	RELEASE	LOCATION		
4 AND WILDLIF		LOCATION		I VER CANTTAN D
CASCADE HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE RELEASE OF- SPRING CHINOOK SALMON.		RELEASES		1/68
SALMON.	RANGE	GRAM	FISH	
CHINOOK	AVE	GRAM	FISH	
OF- SPRING	TOTAL	MEIGHT	(KGS)	300.7
CASCADE	NUMBER	0F	MIGRANTS	21.216
	NUMBER	OF SUB-	MIGRANTS	
	88000	YEAR		4 30 1

	FF	
	A AND WILDLIFE	
	AND	
	OF FISH	
	OF	
	OREGON DEPARTMENT	
BASIN- OREGON	OREGON	
	•	SALMON.
TABLE 257 COLUMBIA	CHERY	0
5700	HAT	OF-
TABLE 2	CASCADE HATCHERY	RELEASE

		RELEASE	0F-	COMO SALMON.					
88000	NUMBER	NUMBER	TOTAL	AVE.	RANGE 62AM/	DATE	RELEASE	RELEASE	RELE
ICAR	MIGRANTS	MIGRANTS	(KGS)	FISH	FISH				
1958		304.078	4.757.7	15.6		1/60	EAGLE CR COL		
1958		46,034	755.2	16.4		1/60	œ		
1959		199,550	3,771.6	18.9		3/61	OK.		
1959		1,139,525	22,432,9	19.6		3/61	S		
1961		912,241	23,870.3	26.1		3/62			
1961		912,026	24,383.8	26.7		4/63	EAGLE CR CLAK		
1962	467,894		160.6	0.3		3/63			
1962	361,812		124.3	0.3		3/63	WILL AMETTE R		
1962	400,000		137.0	0.3					
1962		1,576,482	34,901.2	2201	18.8- 23.8	1- 4/64	EAGLE CR CLAK		
1963		1,318,274	24,406.4	18.5		4/65	TANNER CR		
1961	697,020		261.3	0.3		4/65	SANTIAN		
1961	301,248		2,270.2	7.5	7.4- 7.9	8/65	SANT TAM R		
1961		1,082,846	24,635,5	22.7			EAGLE CR CLAK		
1965	297,208		184.3	B • 3		3- 4/66	WILL AMETTE R		
1965		1,239,920	31,956.5	25.7		3/67			
9961	220,880		8.46	9.0		3/67	WILLAMETTE R		
1966		478,080	12,012,5	25.1		3/68	_		
1961	1,247,403		49201	B 9		3/68	WILL AMETTE K		
1961		1,597,957	49,599.8	31.0		69/4			
8961	1,345,800		439.1	0.3		69/4	-		
896	415,000		134.3	0.3		69/4	JOHN DAY K		
1 36 8		401.66	2,569.1	25.7		3/78			
1968		255,787	6,574.4	25.7		3/70	WILL AMETTE R		
1968		986,688	26,926,5	29.1		3/70	TANNER CR		
6961	397,300		163.7	4°0			JOHN DAY R		
6961	2,285,280		968.8	\$ · 0		3- 4/70	WILLAHETTE R		
6961		1,899,967	30,750.4	27.9	23.8- 30.2		w		
6961		177,815	5,213,6	29.4			COL RIVER 3		
0 26 1		978,143	29, 139,7	29.7	28.3- 32.3	3- 4/72	WILLAMETTE R		
1970		305,681	10,584.1	34.5			TANNER CR		
1 26 1	1.272,286		418.2	6.3		3- 4/72	N		
1 25 1		160,957	3,572.8	22.1		3/73	WILLAMETTE R		
1 26 1		2,029,980	57,125.4	28.1	23.8- 39.2	4/13	TANNER CR		
1972	493,252		1.061.1	2.4		6/73	WILL AMETTE R		
1972		1000144	2,054,8	20.6		3/74	WILL AMETTE R		
1972		1,974,218	46,771.3	23.6		4/14	TANNER CR		
1973		41466	2,505.2	25.1		4/15	MCKENZIE R	WILLAMETTE R	
1973		2,321,493	67,041,9	28.8		4175	TANNER CR		
1974		538,029	9.698.7	18.0		4/16	SANTIAM R	WILLAMETTE R	
1974		1,483,724	35,666.9	24.0		5/16	TANNER CR		

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

RELEASE	
RELEASE	
RELEASE LOCATION	EAGLE CR CLAK
DATE	19/9
RANGE GRAM/ FISH	
AVE. GRAM/ FISH	2.9
TOTAL WEIGHT (KGS)	38.1
NUMBER OF MIGRANTS	12,761
NUMBER OF SUB- MIGRANTS	
BROOD	1961

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

RELEASE	
RELEASE LOCATION	
RELEASE	DESCHUTES R
DATE	3/72
RANGE	
GRAN/ FISH	77.0
TOTAL WEIGHT (KGS)	8,759.3
NUMBER OF MIGRANTS	113,742
NUMBER OF SUB- MIGRANTS	0
BROOD	1958-69 1970 1971

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

	RELEASE	
	RELEASE	
	RELEASE LOCATION	SANTIAM R SANTIAM R
	DATE RELEASES	4/65
LAUR	RANGE GRAM/ FISH	- 25 - 0
FALL CHINOUR SALRON.	AVE. GRAM/ FISH	0.0
	TOTAL WEIGHT (KGS)	6666°B
KELEASE UF-	NUMBER OF MIGRANTS	10
	NUMBER OF SUB- MIGRANTS	823,109 377,520
	BROOD	1959 1960-63 1964 1965

OICATES HATCHERY NOT IN OPERATION

	FE	
	WILDLIF	
	AND	
	FISH	
	OF	
×	DEPARTMENT	
OREGI	REGON	SALMON
BASIN-	- 0	CHINODK
ABLE 261 COLUMBIA	SNAT CREEK HATCHERY	SPRING
19	EEK	RELEASE OF-
mi 2	CR	ASE
18	KAN	E

		RELEASE	OF- SPRING CHINODK SALMON.	CHINDOK S	ALMON.				
BROOD	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE	RELEASE	RELEASE	RELEA
1959 1960-71 1972 1972	10	8,798	453.6 2,662.6	51.5		10/73	SANDY R		

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

	RELEASE	
	RELEASE	
	RELEASE	GNAT CR GNAT CR GNAT CR GNAT CR GNAT CR
	DATE	5/61 3/62 2/63 1/64 3/65
	SANGE SRANI FISH	
SALMON.	AVE. GRAM! FISH	28.9 19.8 18.8 18.9
COHO	TOTAL WEIGHT (KGS)	1,958.6 1,5255.4 1,078.2 2,054.3
RELEASE OF-	MUMBER OF MIGRANTS	94,716 79,912 80,711 57,045 88,293
	NUMBER OF SUB- MIGRANTS	
	BROOD	1958 1959 1961 1962

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

RELEASE

	RELEASE																																											
	RELEASE		COL RIVER !	SANDY R	HOOD R	COL RIVER I	H000 %	SANDY R	SANDT K	COL RIVER	CANDY P	H000 R	COL RIVER !	SANDY R			GNAT CR	COL KIVEK	SANDY R		HOOD R	•	COL RIVER		GNAT CR	DESCHUTES R	HOOD R	COL RIVER	HOOD R	COL KIVER	U)	COL RIVER 1				COL RIVER	HOOD K	COL RIVER	COL KIVER	SANITAN K			04
	OATE Releases		1- 5/61						79/6-4	29/81	29/5	6/63	1- 5/64		1164	49/9 -5			4- 5/65	2/65	9/65	18-12/65	٠,		99/4 -1	2/66	99/9 -9	2167	4- 5/67	2/08	10/61	4- 5/68					2- 6/70		11- 5/71	12/5	2/21		110	4/72
	RANGE GRAM/ FISH					25.1- 37.7			200		• 10		7.3- 34.8	2		37.7- 45.3		9.8- 41.2	45.3- 75.5	50.5- 50.0	*10C+ +2014	3-1			1.1- 15									m	\$5.3- 56.6						15.1 - 22.6			
STEELHEAD TROUT	AVE. GRAM/ FISH		15.4	42.1	4004	37.1	28.9	49.8	47.8	* (500	2.57	21.4	53.0	7.06	42.0	2.1	22.3	52.2	55.6	400		4.0	4804	5.8	9.0	65.0	4.8.7	39.3	34.4	0.0	15.0	32.8	51.1	47.6	65.0	63.3	62.5	63.4	3201	6.0	34.0	49.0	119.9
OF- STEELH	TOTAL HEIGHT (KGS)	,-1	1.757.5	3.812.9	1.936.8	5,508.3	1,639.7	397.8	4,302.8	135.6	4,810.	49 13300	2,022.6	9-285-8	222.3	3,747.5	15.4	3, 332,5		1,592,1	19858.5	1 25 1 2	1935101	14.234.2		27.2	4,066.9	2,936.5	1,320.0	12,572.7	439.5	1,00000	5.657.7	13,288.9	9,358.5	17,074.6	8,034,9	5,014.9	3,150.2	11,901.8	1,690.5	2,138.7	5,429.5	3,442.3
RELEASE	NUMBER OF MIGRANTS			98.481	39.971	148,383	56,664	7,984	89,876		-	82,391	200	174.086	2.450	89,090			199,588	28,517	43,325			202.676			62,518	59,068	33,571	365,074		900	171.976	259.697	196,484	262,639	126,900	80,204	49,650	3700140			1100440	33,668
	NUMBER OF SUB- MIGRANTS		114.500	6664411						38,774	141,795			30-645			7,038	800.641				016	138,376	204456	10.410	-					72,655	159,864									89,440	61,295		
	BROOD		656	1061	000		-	H 1961	H 1961						2063		M 4961	H 4961	M 4961	H 9961				1965 W	2	2000	1965			₩ 1961			1961						S 6961					8 0761

--- ILCATES HATCHERY NOT IN OPERATION

															œ					TRB															
RELEASE	LOCATION														CLATSKANIE					YOUNGS BAY															
RELEASE	LOCATION												WILLAMETTE R		GNAT CR		WILLAMETTE R	WILLAMETTE R		GNAT CR				SANDY R	MCKENZIE R										
RELEASE	LOCATION		COL RIVER 4	SANTIAM R	DESCHUTES R	WILL AMETTE R	HOOD R	COL RIVER I	DESCHUTES R	COL RIVER !	HOOD R	MCKENZIE R	SANDY R	GNAT CR	YOUNGS BAY TRB	SANDY R	SANDY R	GNAT CR	GNAT CR	CLATSKANIE R	CLACKAMAS R	SANDY R	HOOD R	COL RIVER !	CLACKAMAS R	GNAT CR	CLACKAMAS R	SANDY R	YOUNGS BAY TRB	CLATSKANIE R	GNAT CR	WILLAMETTE R	SANDY R	RIVER	COL RIVER 2
DATE	RELEASES		4/72	2/12	6/72	7/72	4172	4172	4/73	4- 5/73		4/73	10/73	3/74	4774	4- 5/14	5/74	8-11/74	12/74	4/15	4/15	4- 5/75	4/15	4- 5/75	2115	10/75	4/16	4/16	9116	9116	9116	9116	9116	9114	9116
RANGE	GRAMI	FISH						56.5- 75.5										6.9- 18.1																	
AVE.	GRAM/	FISH	66.4	19.7	12.6	23.0	62.5	56.7	139.2	6.02	69.8	70.1	13.3	20.3	1.69	72.7	67.3	8.7	18.8	72.3	66.2	9.69	4.69	75.6	75.5	6.11	2.69	78.8	60.1	56.7	58.9	55.0	61.3	0.2	27.3
TOTAL	WEIGHT	(K6S)	16,432.3	957.1	263.1	400%	7,247.9	6,260.5	6,968.1	22,501.8	6,159.8	40 13405	1,440.2	1,922.8	6,662.4	11,348,9	17,324.5	616.4	203.2	7,229.4	2,777,3	11,9179.7	7,344.1	2,675,7	5,389,3	6.166	7,531.9	2,527.9	2,406.8	1,701.8	1,759.0	5, 129,7	11,650.1	20.0	539°B
NUMBER	96	MIGRANTS	247,397				115,984	110,371	50,052	317,335	89,201	58,907			96,298	155,916	257,349			99,918	41,929	160,544	105,750	35,382	70,230		107,938	35,666	40,013	30,800	30,029	93,204	189,995		
NUMBER	OF SUB-	MIGRANTS		48,530	20,764	19,993							108,246	94,529				70,335	10,752							83,688								74,750	19,755
BROOD	YEAR		H 1261	S 1261	S 1261	S 1261	_	S 1261	S 1261	~	1972 S	1972 S	1973 H	1973 S	1973 H	1973 H	1973 S	H 5161	S 4161	H 4161	H 4161	1 574 H	S +161	S 4161	S +161	1975 H				H 5161	1975 W	1975 W	_	₩ 9261	

TABLE 263. -- CONTINUED.

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

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

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

RELEASE								
RELEASE LOCATION								
RELEASE LOGATION	HOOD R	H000 R		HOOD R	HOOD R	HOOD R		HOOD R
DATE	4/60	12/61		5- 9/63	49/11-9	4/65		8/8
RANGE GRAM/ FISH				\$1.2- 45.3	41.2- 50.3			
AVE. GRAM/ FISH	41.2	50.3		42.8	47.1	64.8		2.2
TOTAL WEIGHT (KGS)	716.7	1,163.0	ca	1,682.8	2,212,2	1,028.6	•	561.1
NUMBER OF MIGRANTS	17,380	23,076	-	39,985	46,930	15,750	0	
NUMBER OF SUB- MIGRANTS			0					238,357
BROOD YEAR	S 6561	S 0961	1961	1 96 2 S	1963 S	S 4961	1965-66	S 1961

TABLE 266.--COLUMBIA BASIN- OREGON KLASKANINE HATGHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE RELEASE OF- FALL GHINOOK SALNON.

RELEASE					
RELEASE					
RELEASE	KLASKANINE R KLASKANINE R KLASKANINE R	KLASKANINE R CLACKANAS R KLASKANINE R	KLASKANINE R KLASKANINE R	KLASKANINE K BIG CR TANNER CR KLASKANINE R	KLASKANINE R KLASKANINE R KLASKANINE R
DATE	3-6/69 3/61 4/62	3- 4/65	2/66	5/78	5-6/75
RANGE GRAN/ FISH	1.2- 1.6	9.1			6.3- 7.8
AVE. GRAM/ FISH	 	- 4 - 6	6	£ 10 20 20 20 20 20 20 20 20 20 20 20 20 20	4000
TOTAL WEIGHT (KGS)	19160	968.9	2,922.5	2,793.2 8,268.5 3,737.1 4,736.6	4,682.9 3,861.9 24,780.7
NUMBER OF MIGRANTS	1019420	252,216	324,246	492,633 1,437,995 1,778,507 1,023,344	721,883 85,447 3,935,644
NUMBER OF SUB- MIGRANTS		921,545	a		
BROOD	1961	796 1863 1961	1965 1966 1967-68	1969 1970 1971	1972-73 1974 1974 1975

		TABLE 2 KLASKAN RELEASE	TABLE 267COLUNBIA BASIN- OREGON Klaskanine Hatchery Oregon D Release of- como salmon.	A BASIN	- OREGON OREGON DEPARTMENT OF FISH	ENT OF FISH	AND WILDLIFE		
88000	NUMBER	NUMBER	TOTAL	AVE.	ZANGE	DATE	RELEASE	RELEASE	RELE
YEAR	OF SUB-	MIGRANTS	(KGS)	FISH	FISH	KELEASES			
		748.882	K-489.3	18.3		3/68	KLASKANINE R		
926		787,955	24,055.8	30.5	28.3- 34.8	2/61	KLASKANINE R		
1961	50,140		113.4	2.2					
1960		1,123,940	34.066.1	30.3	28.3- 32.3	2- 3/62	KLASKANINE K		
1961		1 . 87 8 . 97 4	20141672	25.1			COL BIVED		
1962	965,351		50.165	* .			COL RIVER 2		
1962	350,008		2.44.			3/63	•		
1962	200,000	1.607.701	53. 993. R	33.6		3- 4/64			
2961	1 126	10000000	200						
2003	39364	1.717.921	58.703.0	34.	28.3- 37.7	2- 3/65	KLASKANINE R		
1901	2.824.853		1.138.5	4.0		2/65			
196	744.393		312.1	4.0		3/65	YOUNGS BAY TRB		
1961	201.680		654.1	3.2		6/65			
1961	100.800		326.6	3.2		6/65	HILLAMETTE R		
1961		1.475.525	45,571.1	30.8					
1965	2.901.134		1,253.3	7.0		2- 3/66			
2001		1.308.280	43,211.9	33.0		3/67	-		
956	2.514.124	-	1,050.5	4.0		2/67	WILLAMETTE R		
1966		1,235,000	34,896.2	28.2					
1961	1.771.884		753.4	7.0		2- 3/68			
1961		1,311,240	40.460.4	3008		69/4			
896	50,360		19.1	0.3		5/69	KLASKANINE K		
9961		161,055	4,682.6	28.5		3/70	WILLAMETTE K		
898		885,938	28,299.6	31.9		2/4			
6961	456,000		172.4	6.3		2/70			
1969	102,500		38.0	0.0		1172	VI ASKANTNE D		
6961	102,900		39.8	200					
6961		1,265,474	36,754.4	36.0		272			
1970	306,040		115.7	200		14/6	× × ×		
1 97 0	205,440		77.6	9 0		14/2	TAN		
1970	212,288		80.00	2.0		12/3	LTI - AMETTE D		
0 26 1	190,000			7.7		1112			
1970		1,196,047	37,415.0	31.5		2112			
1 26 1	966,892		358.8	9 6		3/72	-		
1 26 1	196,000		9.71	200		2110	N IN		
1 26 1		1,214,259	37,984.7	31.5		477	VI ASKANTNE		
1972		1,223,808	38,818,9	31.5		2- 4/75			
1973	275	1,507,199	9291929	0 M					
1 161	27 29 328	018 001	40.032.2	1 . A		3- 5/76			
\$ 16		510470141	1030000	2000					

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

RELEASE															
RELEASE															
RELEASE LOCATION		KLASKANINE R	KLASKANINE R	-			KLASKANINE R	KLASKANINE R	KLASKANINE R	KLASKANINE R	KLASKANINE R			KLASKANINE R	KLASKANINE R
DATE		4/65	3/66	4/67	4/68	4/68	69/4	4/78	12/4	4/72	4/73	41/4	3- 4/14	4/15	4/16
RANGE GRAN/ FISH															
AVE. GRAH/ FISH		64.7	59.6	74.3	64.8	74.3	50.9	59.1	64.7	67.7	68.5	68.7	0.5	74.3	74.3
TOTAL WEIGHT (KGS)	cas	4.760.9	3,048.5	2,913.4	1,558.1	1,857.9	1,738.6	3.227.8	3,559.3	3,438.2	4.058.3	3,929,9	58.8	3,848.5	2,436.2
NUMBER OF MIGRANTS	9	73,472	51,080	39,180	240044	24,988	29,516	54.584	54,929	50.783	59.184	57,185		51,647	32,762
NUMBER OF SUB- MIGRANTS	0												218,964		
BROOD	1959-63	1 1961	1 465 W	1.00	M 1961	1961	1968	N 6961	H 0261	N 1261	1972	H £ 261	M 4/61	H 9.261	H 5161
	NUMBER NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF SUB- OF WEIGHT GRAM/ GRAM/ RELEASES LOCATION LOCATION MIGRANTS MIGRANTS (KGS) FISH FISH	NUMBER NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF SUB- OF WEIGHT GRAM' GRAM' RELEASES LOCATION MIGRANTS MIGRANTS (KGS) FISH FISH 0 0 0	OD NUMBER NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE R OF SUB- OF MEIGHT GRAM/ GRAM/ RELEASES LOCATION LOCATION MIGRANTS MIGRANTS (KGS) FISH FISH -63 0 9 0 64.7 4/65 KLASKANINE R	OD NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE R OF SUB- OF OF NIGRANTS UGATION LOCATION -63 0 73.472 4,760.9 64.7 4/65 KLASKANINE R H 51.080 3,048.5 59.6 3,66 KLASKANINE R	OD NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE R OF SUB- OF NEIGHT GRAM/ GRAM/ GRAM/ GRAM/ GRAM/ LOCATION LOCATION -63 OF OF OF NEIGHT FISH FISH FISH FISH LOCATION L	OD NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE R OF SUB- OF NEIGHT GRAM/ GRAM/ GRAM/ GRAM/ GRAM/ GRAM/ LOCATION LOCATION -63 OF OF NEIGHT FISH FISH RELEASE LOCATION LOCATION -63 OF OF OF SAN FISH FISH FISH RELEASE H T3.472 4.760.9 64.7 3.766 KLASKANINE R A.767 KLASKANINE R H S4.044 1.558.1 64.8 A.768 YOUNGS BAY TRB	OD NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE R OF SUB- OF WEIGHT GRAM' GRAM' GRAM' RELEASES LOCATION LOCATION -63 OF WIGRANTS (KGS) FISH FISH FISH LOCATION LOCATION -63 O O O O O CATOR COCATION LOCATION -63 O O O O O CATOR COCATION LOCATION H FISH FISH FISH FISH FISH LOCATION LOCATION H FISH FISH FISH FISH FISH RASKANINE R H S9,100 C,9134 T,4.3 T,6.3 T,6.6 T,6.8 T,6.8	OD NUMBER NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF SUB- OF SUB	OD NUMBER NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE RELEASE OF SUB- OF SU	NUMBER NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE	NUMBER NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE -63	-63	-63 NUMBER NUMBER TOTAL AVE. RANGE DATE RELEASE ROCATION	-63	NUMBER NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE

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

		VEELNOL OF		The court of the c					
82000	NUMBER	NUMBER	TOTAL	AVE.	RANGE	DATE	RELEASE	RELEASE	RELEASE
YEAR	OF SUB-	0F	WEIGHT	GRAMI	GRAM/	RELEASES	LOCATION	LOCATION	LOCATIO
	MIGRANTS	HIGRANTS	(KGS)	FISH	FISH				
1958-66	9	0	•						
1961		513,780	14,855.2	28.9		3/69	MCKENZIE &		
1 96 8	217,600		1,618,3	7.4		8/69	MCKENZIE R		
1 96 8		283,168	11,835,1	41.7		3/78	MCKENZIE R		
6961	35,400		408.2	11.5	9.4- 12.5	7- 8/78	MCKENZIE R		
6961		248,620	15,354.1	61.7		1- 3/71	MCKENZIE R		
0 26 1		249,763	9, 123, 1	36.5		3- 4/72	MCKENZIE R		
1 26 1	98,593		771.1	7.8		8/72	SANTIAM R		
1 261	24,276		231.3	9.5		9/72	MCKENZIE R		
1 261		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	14,600.2	69.3		4114	MCKENZIE R		
1973		41,379	1,359.9	32.8		11/74	MCKENZIE R		
1973		167,329	11,846.0	7007		2/15	MCKENZIE R		

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

	RELEASE	
	RELEASE	SANTIAN R
	DATE	19/1
	PRANGE GRAN/ FISH	
	AVE. GRAM! FISH	5.0
	TOTAL MEIGHT (KGS)	499.8
ארבריטר סו	NUMBER OF MIGRANTS	a
	NUMBER OF SUB- MIGRANTS	97,892
	BROOD	1958-64

TABLE 271. -- COLUMBIA BASIN- OREGON

	RELEASE	
- OREGON DEPARTMENT OF FISH AND WILDLIFE TROUT.	RELEASE	HCKENZIE R HCKENZIE R HCKENZIE R HILLAMETTE R HCKENZIE R HILLAMETTE R HILLAMETTE R HILLAMETTE R
ENT OF FISH	DATE	6/73 1/73 1/74 5/75 5/75 5/75 5/76
GON DEPART	RANGE GRAM/ FISH	
EAD TROUT.	AVE. GRAM/ FISH	73.8 62.0 16.6 70.8 73.1 73.1 66.7
LEABURG HATCHERY RELEASE OF- STEELHEAD TROUT.	TOTAL WEIGHT (KGS)	2, 7, 15, 3 2, 2, 2, 3, 4, 4, 4, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,
LEABURG RELEASE	NUMBER OF MIGRANTS	32,660 36,865 35,897 30,999 11,716 68,186
	NUMBER OF SUB- MIGRANTS	27,600
	BROOD	1959-70 1971 S 1972 S 1972 S 1973 S 1974 S 1974 S 1975 S

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

	DATE RELEASE RELEASES LOCATION		- 2/60 SANTIAN	11-12/68 SANTIAN R	SANTIAN		11/62 WILLAMETTE R	WILLAMETTE		11/63 SANTIAN R	SANTIAM		5/65 SANTIAM		5/65 WILLAMETTE	5/66 WILLANETTE	DESCHUTE	4/66 SANTIAN	11/66 SANTIAN R				WILLAMET		SANTIAM		SANTIAM R	HILLANET	SANTIAM	6/69 SANTIAM	SANT IAM R	5/70	- 6/70 SANTIAN	SANTIAN	SANTIAN	SANTIAM	I	I	E	SANTIAM	3/76 SANTIAM R
SALADA	CRANGE GRAM/ FISH			7.5- 10.0	-				12.2- 13.7				12.2- 13.7			15.6- 18.8	. 8			22.6- 28.3		19.7- 25.6					18.8- 45.3						22.6- 34.8			23.8- 32.3			17.4- 20.6		
VOORTUO 6	AVE. GRAM/ FISH		7.8	8.5	11.8	13.7	11.2	18.1	13.0	15.4	1407	0.3	13.2	0.3	0.3	16.5	18.5	0.3	18.4	54.9	20.6	22.7	6.3	8.3	000	22.3	24.3	31.7	E . 3	8 . 8	0.5	. S	23.8	65.7	29.5	27.8	38.4	27.0	18.7	32.4	3104
DETELO LO	TOTAL		13,254.9	9,133,1	10,407.7	19,494.5	29.0	72.6	9,658.3	26,144.6	4,394,9	879.8	25,687.4	19.1	502.6	34,525.2	116.1	4.65.4	2,980.1	384.2	41,339,5	40,519.4	209.6	545.7	151.5	19,633,3	18,033,5	2,318.8	37.6	91.6	2,383,8	177.8	33,807.6	23,187.5	18,300.2	29,865°4	39,061.6	27,808.4	24,324,3	23,084.4	20,964.6
KELENJE	NUMBER OF MIGRANTS	4	1,868,729		-	1,415,536	2,571	4.011		1,692,554	297,050		1,942,790			2,090,175	6,266		161,884	15,410	1,998,105	1,781,839				878,995	742,059	73,849					1,419,654	352,738	624,895		\$	1,029,920	1,296,237	789,189	667,117
	NUMBER OF SUB-											2,425,217		52,786	1,399,143			1,212,927					595,281	1,511,807	175,551			2	182,521	192,000	4, 124, 592	313,497									
	BROOD		956	959	656	0.0	1961	196	1961	25	962	2	3	*	496	496	t	965	2	365	2	996	2967	196	296	2	196	196	896	968	6	6	88	696	6	970	1 16	972	973	4 16	4 16

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

RELEASE LOGATION																																		
RELEASE Location																																		WILLAMETTE R
RELEASE	SANTIAM R	SANTIAM R		SANTIAM R	SANTIAM R	SANTIAM R	WILL AMETTE R	TTE		SANTIAN R		SANTIAM R	SANTIAN R	SANTIAM R	SANTIAM R	SANTIAN R	SANTIAH R	SANTIAM R	SANTIAN R	SANT IAM R	SANTIAM R	SANTIAN R	SANTIAN R	SANTIAN R	SANTIAN R	SANTIAN R	SANTIAN R	SANTIAM R	SANTIAM R	SANTIAN R	SANTIAN R	SANTIAM R	SANTIAM R	SANTIAN R
DATE	89/9	19/6	2762	3/62	2/63	3/63	4/63	3/64	2/64	4/65		5/66	4- 5/67	99/8	3- 8/67	4/68	19/1	4-11/68	69/4	69/4	4/68	11/68		3- 6/70	1769	81/6	1774	4/72	10/72	4/73	4114	3/15		92/6 -2
RANGE GRAN/ FISH	2.7- 4.0				The state of								45.3- 64.7		2.4- 7.6			19.7- 23.8		45.3- 64.7				37.7- 64.7										
AVE. GRAM/ FISH	3,3	2.6	36.1	1.5	28.3	48.2	9.5	1.54	7.1	57.7		7.5	49.2	9.8	5.3	57.8	0	22.2	22.5	58.5	9.0	27.1	3.0	43.9	-	12.8	50.5	48.2	30.2	78.8	70.2	69.8	6.05	13.2
TOTAL WEIGHT (KGS)	1.366.9	4,572.7	2,606.8	331.6	2,285.8	6,766.2	4.149	7.424.9	300.7	8,720.3	•	635.8	9,185.2	25.2	287.5	6,599.8	19.5	1,111,3	8.266	4,988.6	20.4	419.6	299.4	5,505.7	1.61		4,023.4	3,995.2	1,009.2	6,650.1	788.8	4,238.8	6,752.2	186.4
NUMBER OF MIGRANTS			72,858			148,334		164,597		158,930	•		186,483			114,175				85,287				125,405			80,121	82,795		84,368	9,972	199 699	132,629	
NUMBER OF SUB- MIGRANTS	483.608	467,588		212,800	77,889		66,854		666.14		•	84,000		33,058	53,562		114,700	56,032	44,131		29,966	15,448	98,131		101,780	79,348			33,373	•				14,121
_	, *				3	*	×	1	x	×		x	*	x	*	=	×	×	*	*	×	3	x	=	×	*	×	I	×	*	x	1	2	x
BROOD	1959	096	1961	196	1861	1961	1962	1962	1963	1963	1961	1965	1965	9961	996	9961	1961	1961	1961	1961	896	896	1968	1968	696	696	6961	0 76	1 261	1 251	1972	1973	4 16 1	1975

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

		-							
BROOD	ZUXBER OF SUBE	NUNBER	TOTAL	AVE.	RANGE GRAM	DATE	RELEASE	RELEASE	RELEASE
	HIGRANIS	MICRAHIS	(KGS)	HSI	FISH				
		444.672	7,355.8	16.5		1- 2/61	MCKENZIE R		
		145.264	3.434.1	23.6		1/62	MCKENZIE R		
		446.843	8.468.6	18.9	18.8- 28.6	1- 3/63	MCKENZIE R		
	12.629		33.6	1.0		1/63	MCKENZIE R		
200	2000	273.380	5.978.6	21.8		12/63	MCKENZIE R		
		339,943	7,511.8	22.0		1/64	or .		
	788.208		285.8	M • M			MARH SPRINGS R		
		634.546	12,251.5	19.3	18.1- 23.6		MCKENZIE R		
	62.731		57.2	0.0			MCKENZIE R		
406	-	670.313	14.993.1	22.3	19.7- 22.6	1- 2/66	MCKENZIE R		
٠	152.053			3.2		99/9	MCKENZIE R		
	200 400	58.187	1.821.2	36.2		3/67	DESCHUTES R		
		650 359	17.689.5	26.7		1- 2/67	MCKENZIE R		
	EL. 284		29.9	0.5		3/67	WILLAMETTE R		
_			335.7	300		19/1 -9	MCKENZIE R		
	20 486	E86.718	19.087.2	37.7	34.8- 41.2		MCKENZIE R		
			4 4 6 6	4		5- 7/68	MCKENZIE R		
	256,551						NOVENTE D		
		356,912		59.8			מסאנות זבני ט		
	48.024		177.4	3.6		80/0	MCKEN LE K		
		388 - 341		49.6		3/10	MCKENZIE K		
		282.543		74.6		11/70	MCKENZIE R		
		458-698		30.7		3/71	HCKENZIE R		
		137.768	9.898.6	711.7		12/71	MCKENZIE R		
		158 723		41.1		3/72	MCKENZIE R		
		200100	129.7	5.05		11/72	MCKENZIE R		
_		61643	21.516.6	72.7		3/73	MCKENZIE R		
		212.478	19-475-4	62.3	45.3- 75.5	4114	MCKENZIE R		
7 •	•								
97.8	•	40 9,247	23,448.3	57.2		4/16	MCKENZIE R		

TABLE 275.--COLUMBIA BASIN- OREGON
HCKENZIE HATCHERY
- OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- COHO SALMON.

		KELCASE	KELEASE OF COMO SALMON	SALHUM					
BROOD	NUMBER OF SUB-	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE	RELEASE	RELEASE	RELEASE
09-956	0	C	•						
196	451,450		187.8	4.0		2/62	DESCHUTES R		
962-69	•								
0.26	352,640		162.0	4.0		11/2	WILLAMETTE R		
026	222,957		89.8	7.0		17/2	WILL AMETTE R		
970	387,638		123.8	9.0		2/71	HILLANETTE R		

TABLE 276.--COLUMBIA BASIN- OREGON METOLIUS MATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE RELEASE OF- SPRING CHINOOK SALMON.

PEAR	NUMBER OF SUB-	NUMBER OF MIGRANTS	TOTAL WEIGHT	AVE. GRAM/ FTSH	RANGE GRAM/ FISH	DATE	RELEASE	RELEASE	RELE/ LOCAT
856		25.515	551.1	21.5		3/60	DESCHUTES R		
1958		74.046	1,385.7	18.7		3- 4/60	SANTIAN R		
1959		224,602	3,619.2	16.1	15.1- 19.7	2- 3/61	DESCHUTES R		
1961		191,298	2,522.4	13.1		3/62	SANTIAN R		
196		133,276	1,532.7	11.5		1/63	HCKENZIE R		
1961		48,785	1.466	28.3		4/63	DESCHUTES R		
1962		139,269	1,899.6	13.6		2/64	HCKENZIE R		
1962		49,169	1,026.9	20.8		3/64	DESCHUTES R		
1963	58,380		198.5	3.2		11/64	SANTIAN R		
1963	135,525		442.3	3.2		1164	WILLAMETTE R		
14-4961	•	•	•						
1972	3,387,280		3,135,2	6.0	8.8- 1.0	4- 5/73	WILLAMETTE R	SANDY R	

TABLE 277.---COLUMBIA BASIN- OREGON METOLIUS HATCHERY RELEASE OF- STEELHEAD TROUT.

RELEASE		
RELEASE		
RELEASE LOCATION	DESCHUTES R	DESCHUTES R
DATE	4/60	3/61
CRANGE GRAM/ FISH		
AVE. GRAH! FISH	29.4	41.2
TOTAL WEIGHT (KGS)	4.99.4	847.3
NUMBER OF MIGRANTS	16,976	28,545
NUMBER OF SUB- MIGRANTS	4	•
BROOD	1 958 H	1 360 H

TABLE 278.--COLUMBIA BASIN- OREGON OAKRIDGE HATCHERY - OREGON DEPARTMENT OF FISH AND MILDLIFE RELEASE OF- SPRING CHINOOK SALMON.

CHINODE SALMON.	RANGE DATE RELEASE RELEASE RELEASE RELEASE LOCATION LOCATION FISH		10.7- 22.6 1- 3/61 WILLAMETTE	18.8- 21.5 II-12/61 WILLAMETTE	20.6- 37.7 I- 2/62 HILLAMETTE	11/62 HILLAMETTE	2/63 WILLAMETTE	11/63 WILLAMETTE	1/64 MILLARETE	3/64 MILLAMETTE	11/64 WILLANETTE	3/65 MILLAMETTE	3/66 DESCHUTES R	16.55 32.5 1- 32.65 MILLANGITE K	3/66	3/66	21.5- 25.1 1- 3/67	3/67 SANTIAN R	3 - 4/6 HILLANTIE R	30.2- 58.3 1- 4/68 HILLAMETTE	3/68 HILLAMETTE	12/66 SANTIAN R	3/69	69/4	69/4	3/69 MILLAMETTE R	3/78	3- 4/70 HILLAMETTE	11/70 WILLAMETTE	SACTOR ALLANGITE K	12/4	11/11	41.2- 64.7 3- 4/72	5/72	0.6 0.5- 2.7 5/72 MILLAMETTE R		41.2-113.3 1- 4/73 HILLANETT	56.6- 90.7 4/73 MCKENZIE R	
OF SPRING CHIN	WEIGHT GRAM	23,284.9 16.4		141.41.6 20.2	. ~	2	294.8	~	937.0	67.1 0.3	-	1.018	550.7	23	6.824		88,143.4 23.5	95.7 0.	622. 4 67.7		362.9	458.6	59.96 1 95.96 45.2 56.2	217.3		225.9	54-732-6 48-0		#	7	2.962.5	9	4			928.8	531.4	825.2	
RELEASE	NUMBER OF MIGRANTS	1,488,632	0000 mon	600,000	333,977	680,381	851,802	1,774,333	1,586,017		2,835,212	767.494	16,015	3,793,292			3,744,889		17 670	2.714.169		10,851	0400 4E4				32,351		905,627				1,162,035				1,377,811	184,657	
	NUMBER OF SUB- MIGRANTS									39 (95) (69					1,090,888	225.246		267,746	289,790		914,870			485.431	974,860	368,173		1.080.920			364,200	ge.		2,074,174	1,235,819	536,878	204 400		
	BROOD	858	6561	6661	1961	1961	1961	2961	1962	2061	1963	1963	1961	1961	1965	1965	1965	9961	9961	990	1961	1961	1961	1968	1961	8961	98	6961	6961	6961	976	1970	1970	1 26 1	1261	1 26 1	1261	1 261	

TABLE 278.--CONTINUED.

RELEASE LOCATION	
RELEASE	MILLAMETTE R
RELEASE LOGATION	MCKENZIE R Santiam R Hillamette R
DATE	3- 4/75
RANGE GRAH/ FISH	32.3- 56.6
AVE. GRAM/ FISH	43.4
TOTAL WEIGHT (KGS)	84.272.9 1.658.3 13.439.9
NUMBER OF MIGRANTS	386,662
NUMBER OF SUB-	1,618,961
BROOD	1973

TABLE 279.--COLUMBIA BASIN- OREGON OAKRIDGE HATCHERY - OREGON DEPARTMENT OF FISH AND MILDLIFE RELEASE OF- GOND SALMON.

RELEASE	
RELEASE	HILLAMETTE R
DATE	1/62
PANGE GRAM/ FISH	
AVE. GRAM/ FISH	27.8
TOTAL WEIGHT (KGS)	2,558.1
NUMBER OF MIGRANTS	42,559 93,339
NUMBER OF SUB- MIGRANTS	a
BROOD	1958-59 1961 1961 1962

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

RELEASE	
RELEASE	
RELEASE LOGATION	DESCHUTES R
DATE RELEASES	6/67 7/68 5- 7/69 4/70 11/78 6/71
RANGE GRAM/ FISH	13.7-51.3
AVE. GRAN/ FISH	- 84 8 - 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
TOTAL WEIGHT (KGS)	5,532.5 2,332.5 2,32.9 2,75.8
NUMBER OF MIGRANTS	9,900
NUMBER OF SUB- MIGRANTS	28.516 60.888
BROOD	1958-65 1966 1969 1969 1970 1971

TABLE 281.--COLUMBIA BASIN- OREGON OAK SPRINGS HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE RELEASE OF- STEELHEAD TROUT.

15,156 15,156 15,157 1			KELCASE	OL SIEELUEAU	יייייייייייייייייייייייייייייייייייייי					
15,156 15,156 1,156,19 1,	BR000	AUMBER OF SUB-	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	GRAN/ FISH	FISH	DATE RELEASES	RELEASE LOGATION	RELEASE LOCATION	RELEASE LOCATION
\$ \$1.55		15,156		72.	37.8		4/60			
4,555 4,616 5,552, 552, 552, 575, 612, 917 7,617 1,618 6,526 1,618		•	62.101		56.7			OPF		
19-592 19-695 19-695 19-70 1			54.587		62.6			ORE		
\$ 19,592			44.268		86.2			ORE		
19-595 1-656 1-751-6 1-75 1			46,186	2,552,8	55.5		3/65	N ORE COASTAL		
19-592 13-566 12-10-14 14-3 15-56 15-60-14 15-60 15-60-14 15-60 15-60-14 15-60 15-60-14 15-60 15-60-14 15-60 15-60-14 15		4.505		24.8	5.3		11/65	DESCHUTES R		
\$ 11,656 1,750 5,50 5,50 5,40 6,40 0.05 0.045		19,592		281.2	14.3			DESCHUTES R		
9,986 9,986 1,225 68,8 51,3 - 64,7 5 66 DESCHUTES R. F.			31,656	1,768.4	55.6			ORE		
9,946 6,678,144 5,817,3 63,0 75,5 75,5 75,6 10,672 DESCHUTES R. 1,7,387 5,560 2,456,0			20,295	1,235.6	68.8		99/5	DESCHUTES R		
\$ 9,946			92,184	5,607.3	63.0		4/67	N ORE COASTAL		
\$ 9,946 167,256 10,187 63,3 51,3 - 75,5 4/66 N ORE COASTAL			5.889	4-1-8	69.7		19/9			
17.307 15,000 2,466.0 69.3 51.3 - 75.5 4.760 DESCRUTES R 1,66.0 2,466.0 69.3 64.7 75.5 64.7 75.5 64.7 75.5 64.7 75.5 64.7 75.5 7		9.986		57.6	5.8		11/67	DESCHUTES R		
17.307 150.163 16.76.0 69.3 51.3 - 64.7 4-5/60 DESCRIPES R 15.60 16.			164.258	10.187.2	63.5		4/68	N ORE COASTAL		
17.307 50.163 10.70 5 5 6 7 7 5 5 7 5 5 7 5 5			35,600	2,468.8	69.3			DESCHUTES R		
\$ 23.780 19.710.6 71.7 64.7-75.5 4.69 0 CECHUTES R 7.853.6 47.6 45.3-113.3 3-5/69 0 CECHUTES R 7.853.6 47.6 45.3-113.3 3-5/69 0 CECHUTES R 7.853.6 47.6 45.3-113.3 3-5/69 0 CECHUTES R 7.852.6 47.7 1 0 CECHUTES R 7.852.6 47.7 1 0 CECHUTES R 7.852.6 4.7 1 0 CECHUTES R 7.8 1.7 1 0 CECHUTES R 7.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1		17.387		167.8	9.6		11/68	COL RIVER 3		
\$ 23,760 154,634 7,363-6 47.6 45,3-113.3 3-569 DESCHUTES R \$ 116,9 155,138 6,899-1 51.0 50,3-64.7 3-4/70 DESCHUTES R \$ 11,075 154,558 10,336.3 67.1 67.1 67.1 67.1 67.1 67.1 67.1 67.1 \$ 21,975 75,899 6,979-1 57.1 67.1 67.1 67.1 67.1 67.1 67.1 67.1 \$ 21,975 75,899 6,979-1 57.1 67.1			150.183	10,770.5	711.7	64.7- 75.5	69/4	ST		
\$ 23.780 135,136 6.493.1 16.1 16.9 CAGKMANS R 183,172 13,628.6 74,1 50.3 - 64.7 3-4770 DESCHUTES R CAGKMANS R 183,172 13,628.6 74,1 DESCHUTES R CAGKMANS R 79,379 5,645.8 77.1 77.1 77.1 77.2 CAGKMANS R 77.2 77.			154.634	7,363.6	47.6	45.3-113.3				
135,135 6,899,1 51,0 50,3 - 6+7 3-470 MCR COASTAL 13,172 13,628,6 74,4 4,71 MCR COASTAL 15,192 15,135 6,939,1 51,0 51,2 9-11/70 MCR COASTAL 15,192 15,193 5,645,1 71,1 10,504 10,504 15,192 15,193 3,442,8 52,6 17,7 17,7 12,004 179,794 6,979,8 52,6 7,7 MCR COASTAL 179,795 79,794 6,979,8 52,6 7,7 MCR COASTAL 179,795 79,794 6,979,8 52,6 7,7 MCR COASTAL 179,795 179,794 6,979,8 7,5 13,7 14,7 MCR COASTAL 179,795 179,794 13,7 13,7 14,7 MCR COASTAL 179,796 179,796 13,7 13,7 14,7 MCR COASTAL 179,796 179,796 13,7 13,7 14,7 MCR COASTAL 179,796 19,706 18,1 19,1 18,1 19,1 19,1 189,183 19,183 19,183 19,183 19,183 19,183 19,183 10,183 1		23.780		385.1	16.1		11/69	CLACKANAS R		
\$ 91,029 193,172 13,528,6 74,4 4,7 19,7 9,11/70 DESCHUTES R \$ 91,029 154,058 10,338,3 67,1 6,47 10 NORE COASTAL \$ 21,975 75,889 6,979,8 71,1 1,77 10,1 CLACKMAS R \$ 21,975 75,889 6,979,8 92,6 11/71 CLACKMAS R \$ 175,775 14,527,2 82,6 6,7 90,7 4/72 SANTAM R \$ 175,775 14,527,2 82,6 6,57 90,7 4/72 SANTAM R \$ 175,775 14,527,2 82,6 6,57 90,7 4/72 SANTAM R \$ 175,775 14,527,2 82,6 6,57 90,7 4/72 SANTAM R \$ 175,775 14,527,2 82,6 11,3 13,7 14,1 10,7 2 SANTAM R \$ 175,775 11,3 11,3 11,3 11,3 11,4 11,4 11,4 11,4			135,138	6,899.1	51.0		-			
\$ 91.029 154.050 10.330.3 6.9 4.7 19.7 9-11770 DESCHUTES R CLACKAMAS R 7.9 95.65.5 7.1 9.7 9-1770 0.5 9.7			183,172	13,628.6	74.4		4/70	N ORE COASTAL		
S 21,975 19,379 5,645.8 17.1 1 10.0 ECONTAC R 4,771 N 10.0 ECONTAC R 4,98.5 1.0		-	•	813.7	8.9	-1-	-	DESCHUTES R		
S 21,975 75,809 6,979.8 71.1 17.7 DESCMITES R 4,72 CLACKAMAS R 79,74 C.42.6 C.5.5 - 90.7 4,772 CLACKAMAS R 79,74 C.42.6 C.5.5 - 90.7 C.7.5 C.7			154,050	10,338.3	67.1		12/4	N ORE COASTAL		
\$ 21,975			79,379	5,645.8	71.1		11/4			
\$ \text{4.6.5} \text{5.5} \text{5.5} \text{5.6.6} \text{5.5.5} \text{5.5.5} \text{5.5.5} \text{5.5.5} \text{5.5.5} \text{5.5.5} \text{5.5.5} \text{5.5.5} \text{5.5.5} \text{5.5.5} \text{5.5.5} \text{5.5.5} \qu		-		498.5	22.6		11/71			
\$ 70,655			75,809	6,979.1	95.8		4/72	SANTIAN R		
S 79,741 6,487,0 86,3 75,5 90,7 4,772 MCKENIE R 79,741 6,487,2 06,4 7 90,7 3 - 5/72 MCKENIE R 7,9 17,5 13,7 13,7 13,3 - 14,1 14,7 11,3 11,3 10,7 2 SANITAN R 7 13,7 13,3 - 14,1 10,7 2 SANITAN R 10,7 3 SANITAN R 11,3 3 10,6 13,6 10,6 10,6 10,6 10,6 10,6 10,6 10,6 10			40,190	3,442.8	85.6		4/72	DESCHUTES R	,	
S 70,655 175,775 14,527,2 62,6 64,7 90,7 3-5/72 N ORE COASIAL S 40,248			79,741		80.3			MCKENZIE R		
\$ 70,655 \$ 970.7 13.7 13.3 14.1 17.2 SANITAN R 10.72 SANITAN R 10.72 SANITAN R 10.72 SANITAN R 10.73 10.72 SANITAN R 10.73 10.73 10.73 10.73 10.73 10.73 10.73 10.73 10.73 10.73 10.73 10.73 10.73 10.73 10.74 10.			175,775		62.6			5		
S 59,200 55,427 2,261-2 40.7 11,3 10772 COL RIVER 1 S 59,200 55,427 2,261-2 40.7 11,3 1773 COL RIVER 1 I 5,606 13,060-3 89,6 3-5773 N ORE COASTAL S 12,694 2,336-8 161-1 7-3 5-773 N ORE COASTAL S 100,585 1,391 4,036-3 97,5 5-6 1074 COL RIVER 3 S 127,500 41,153 4,242-4 103,0 5-775 NCKENZIE R S 127,500 41,153 4,242-4 103,0 5-775 NCKENZIE R S 127,500 557-7 10,4 6,190-7 100,9 R S 5,175 10,803 12,076-4 100,0 R S 127,500 RIVER 3 S 5,175 10,803 12,076-4 100,0 R S 127,500 RIVER 3 S 127,500 RIVER 3 S 127,500 RIVER 3		70,655		7.076	13.7	2-	21/6	SANITAR X		
\$ 39,200 \$ 55,427 \$ 2,261-2 \$ 40.7 \$ 11.3 \$ 17.7 \$ COL RIVER ! \$ 15,606 \$ 13,060-3 \$ 89.6 \$ 3-5/73 \$ N ORE GOASTAL \$ 17.8 \$ 12.894 \$ 2,336-8 \$ 161-1 \$ 77.3 \$ 5.77 \$ N ORE COASTAL \$ 17.8 \$ 17.3 \$ 17.4 \$ N ORE COASTAL \$ 17.8 \$ 17.3 \$ 17.4 \$ N ORE COASTAL \$ 17.3 \$ 17.3 \$ 17.4 \$ N ORE COASTAL \$ 17.3 \$ 17.3 \$ 17.4 \$ N ORE COASTAL		48,248		364.0	5		2//01	SANDT K		
S 63,066 13,060-3 89.6 4.73 SANTAN R COASTAL 12,894 2,336-8 181-1 7-3 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		39,200		C ****	200		1/73	COL STATES		
S 145,606 13,006.3 89.6 7-8/73 NORE COASTAL 15,006 13,006.3 161.0 7-8/73 DESCHUTES R 178,613 151.0 77.3 17.			220461	7010767			4/72	SANTTAN D		
S 12,894 2,336.8 61,61 77.8 77.3 7.77 61,74 61,61 77.8 77.3 77.3 77.74 61,74 61,61 77.8 77.8 77.8 77.8 4,74 60.6 60.6 61,74 61,7			240400	1937898	000			N ODE COASTAL		
178,613 13,617.8 17,33 4,74 MESTICGA R 178,613 13,617.8 17,33 4,74 MESTICGA R SILETZ R MILSON R 15,613 13,617.8 17,33 4,74 SILETZ R MILSON R			0906641	200000	0.00			TO STATE OF THE PARTY OF THE PA		
S 100,585			120021	2 33008	77.4			, 0		
S 100,585 4,1391 4,038.3 97.5 5774 MCKENZIE R 4,1391 4,1391 4,139 97.5 5774 MCKENZIE R 8,774 HOOD R 196.7 5.6 19774 GOL RIVER 3 3775 NESTUGA R MILSON R N ORE S 79,504 6,199.7 77.9 3.775 SILETZ R 5.775 MCKENZIE			200011	24011	24.0		4/74	S OPE COASTAL		
S 100,585 S 35,175 I 109,183 8,983.4 62.2 S 3775 NESTUGA R MILSON R N ORE S 79,504 6,199.7 77.9 S 127,500 8,103.0 1.8 S 53,080 110,803 12,076.4 108.9 S 63,080 R N ORE			700661	F-038-3	97.5		5/74	MCKENZIE R		
S 35,175 109,183 8,983,4 82,2 3,75 NESTUGA R MILSON R N ORE S 79,504 6,199,7 77,9 3,775 HCKENZIE R S 127,500 5,109,183 6,75 COL RIVER 3 6,75 C		100.585		412.8	40-1		8/74	~		
S 79,504 6,199.7 77.9 3.75 NESTUGGA R WILSON R N ORE S 79,504 6,199.7 77.9 3.75 SILETZ R 5.75 HCKENZIE R 5.75		35.175		198.7	5.6		10/74	COL RIVER 3		
S 79,504 6,199.7 77.9 3.75 SILETZ R S. 127,500 41,153 4,242,4 103.0 5.75 HCKENZIE R 5.75 GOL RIVER 3 5.75 H0.00 R 4.76 HOOD R			109-183	8.983.4	82.2		3/75			
S 127,500 41,153 4,242,4 103,0 5/75 HCKENZIE R 5/75 HCKENZIE R 5/75 GOL RIVER 5/75 63,080 110,803 12,076,4 108,9 4/76 HOOD R			79.504	6.199.7	77.9		3/75			
S 127,500 S31.3 1.8 6/75 COL RIVER 9/75 COL RIVER 9/75 COL RIVER 9/75 COL RIVER 9/76 HOOD R			41.153	4.242.4	103.0		5115			
\$ 63,080 110,803 12,076,4 106,9 4/76 HOOD		127.500		231.3			6/15	RIVER		
110,803 12,076,4 108,9 4/76 H000		63.080		657.	10.4		9775	RIVER		
	. 10		110,803	12,076.4	6.861		91/4	H000 R		

TABLE 281 .-- CONTINUED.

RELEASE	
RELEASE	
RELEASE	MCKFN7TF R
DATE	5/76
RANGE	
AVE. GRAM! FISH	113.3
TOTAL WEIGHT	2.115.0
NUMBER OF MIGRANTS	82.115
NUMBER OF SUB- MIGRANTS	
BROOD	0 3201

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

NUMBER OF SUB- MIGRANTS						862,798	541,209	260,800					1,599,000	1,743,008								90,439					
NUMBER OF MIGRANTS	8,051,847	4,447,896	4,549,959	4,916,873	6, 124,048				372,835	1,390,596	\$66 666\$	2,429,233			500,132	2,931,680	2,742,818	189,664	2,365,560	540,142	3, 865, 966		7,964,426	2,681,420	1,459,332	2,912,735	3.111. OLE
TOTAL WEIGHT (KGS)	11,626.8	8,993.8	9,589.1	11,426.0	14.730.9	373.8	291.2	167.9	381.8	3,715.4	1,283.2	10,480.8	597.4	4.159	1,169.4	13,841.4	15,172,2	698.8	12,249.7	3,201.8	-	54.8	19,543.5	10,387.9	7,880.3	15,828.1	18.487.1
GRAH! FISH	**	2.8	2.0	2.3	2.4	4.0	0.5	8.5	-	2.6	2.5	4.7	0.3	E . C	2.3	4.7	5.5	6.2	2.1	5.0	5.5	0.5	2.4	3.9	5.3	5.4	
FISH	6.1																			4.9- 5.6							
RELEASES	4/60	19/4	5/62	5/63	5/64	2/65	5/65	5/65	6/65	6/65	4/66	2/66	2/67	2/67	4/67	2167	6/68	6/68	5/69	69/5	5/70	11/4	12/4	5172	5/13	5174	
RELEASE	HERMAN CR	SANTIAN R	CLACKAMAS R	CLACKAMAS R	CLACKANAS R	HERMAN CR	SANTIAM R	HERMAN CR	SANTIAM R	CLACKAMAS R	WILL AMETTE R	HERMAN CR	HERMAN CR	TANNER CR	TANNER CR	COL RIVER 3	TANNER CR	COL RIVER 3	COL RIVER 3	TANNER CR		TANNER CR					
RELEASE																											
RELEASE																											

TABLE 203.--COLUMBIA BASIN- OREGON OXBOW HATCHERY RELEASE OF- SPRING CHIMDOK SALMON.

RELEASE		
RELEASE		
RELEASE	COL RIVER 3 HILLANETTE R SANDY R	
DATE	5/72	
RENGE FISH	2.2- 2.7	
AVE. GRAM/ FISH	60 % C	
TOTAL MEIGHT (KGS)	387°5	100000
MUMBER OF MIGRANTS	on on u	0100
NUMBER OF SUB-	355,272 581,361	
BROOD	1958-70 1971 1971 1972-73	07.4

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

	RELEASE																			
	RELEASE																			
	RELEASE LOCATION		HERMAN CR	HERMAN CR	HERMAN CR	HERMAN CR	HOOD R	HERMAN CR	HERMAN CR	TANNER CR	HERMAN CR	DESCHUTES R	WILLAMETTE R	TANNER CR	WILLAMETTE R	TANNER CR		HERMAN CR		TANNER CR
	DATE		1/60	3/61	3/62	12/62	3/63	3/63	12/63	1/65	4/65	2/65	8/65	3/66	2/66	3/67		5/69		4/15
	RANGE FISH																			
ALHON	AVE. GRAM/ FISH		15.2	1.8.1	21.6	24.2	0.3	0.3	18.0	23.2	26.6	4.0	6.8	21.4	4.0	29.4		0.3		29.1
OF- COND SALMON	TOTAL WEIGHT (KGS)	1	3,131,1	4,793.6	6,119.8	8,573,8	205.5	109.8	6,291.8	9,246.8	1,852,9	453.1	6.844	8,209.1	173.3	13,916.2	•	23.6	•	10.958.8
RELEASE OF-	NUMBER OF MIGRANTS		205,266	264,186	283,283	353,018			349.434	398,176	69,819			381,861		472,800	•		0	375.858
	NUMBER OF SUB-						546,858	289,198				1,899,432	64,152		419,577		0	61,800	0	
	BROOD		1958	1959	1961	1961	1962	1962	1962	1963	1963	1961	1961	1961	1965	1965	1966-67	1968	1969-72	1973

TABLE 285.--COLUMBIA BASIN- OREGON ROARING RIVER HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE RELEASE OF- STEELHEAD TROUT.

MUNICH NUMBER MICRANTS (KGS) 1046, 226 33, 266 1046, 228 1046, 228 1046, 228 1046, 228 1046, 228 1046, 228 1046, 228 1046, 228 1046, 228 1046, 228 1046, 228 1046, 228 1046, 228 1046, 228 1048, 228 1048, 228 1048, 228 1048, 228 1048, 228 1048, 228 1048, 228 1048, 228 1048, 228 1048, 228 1048, 228 1048, 228 1048, 228 1048, 228 1048, 33 1048, 482 1048, 482 1048, 483 105 1068, 483			2001 200	2042 (26
MICRANTS (KGS) FISH 13,266 1,766.3 53.0 18,014 19,8 22.6 13,707 2,462.1 58.0 13,707 2,462.1 52.6 27,573 1,108.1 40.1 27,573 1,108.1 40.1 27,573 1,108.1 40.1 21,58,532 14,037.3 19.3 158,532 14,037.3 19.3 158,532 14,037.3 19.3 158,633 5,384.6 65.2 58,865 3,473.2 14.0 11,416 7,838.1 70.3	GRAM RELEASES	SES LOCATION	LOCATION	LOCATION
33,266 1,766.3 53.0 44.228 1.766.3 53.0 1 18.014 1.3777 2.557.8 58.0 1.39.5 39.5 39.5 39.5 39.5 39.5 39.5 39.5				
33,266 1,766,3 53.0 44,224 2,557.8 58.0 13,707 542.0 39.5 39,569 2,462.1 52.6 4,720 214.1 45.3 27,573 1,108.1 48.1 82,62.9 62,936 3,964.4 62.9 62,936 3,964.4 65.9 80,633 5,314.8 65.7 80,633 5,314.8 65.7 81,752 5,444.4 66.2 34,03.2 14.8 65.7 81,752 5,444.4 66.2 58,865 3,473.2 14.8 10.5 81,750 6,483.2 179.2		6/60 SILETZ R		
64, 228 2, 557, 8 58.0 18.014, 228 13.57, 8 58.0 18.014, 1.0147, 8 58.1 13.57, 78.7 542.0 39.5 5 14.01 15.01				
18,014 19,67.8 58.0 13,014 13,017.8 58.1 39.589 2,462.1 62.6				
18,014 1,047.8 58.1 13,787 542.0 39.5 39,569 2,462.0 62.6 4,720 214.1 45.3 27,573 1,108.1 48.1 27,573 1,108.1 48.1 82,462 328.9 19.3 54,462 3,515.3 64.6 54,462 3,515.3 64.6 55,462 3,515.3 64.6 62,936 3,964.4 62.9 80,633 5,484.4 66.2 80,633 5,484.4 66.2 11,416 7,838.1 79.2 11,416 79.2 79.2 11,416 79.2 79.2 11,416 79.2 79.2 11,416 79.2 79.2 11,416 79.2 79.2 11,416 79.2 11,416 79.2 11,416 79.2 11,416 79.2 11,416	-E	SILETZ		
13,787 39,569 2,462,1 62,6 6,720 214,1 62,532 158,532 14,103 62,936 63,633 64,66 65,7 66,2 66,2 66,2 66,2 66,2 66,2 66,2 66				
39,589 2,482,1 62,6 6,720 214,1 45,3 27,573 1,108,1 48,1 328,9 19,3 158,532 14,037,3 93,2 121,6 54,482 3,964,4 62,9 62,936 3,964,4 62,9 82,873 5,384,8 65,7 60,63 5,48,4 66,2 58,865 3,473,2 61,3 61,416 7,838,1 79,2 81,780 6,483,2		SILETZ		
627,573 19,108.1 45.3 8 27,573 19,108.1 40.1 8 217.3 2.8 328.9 19.3 158,532 14,037.3 93.2 121.6 18.1 54,482 3,915.3 93.6 62,936 3,964.4 62.9 82,878 5,080.2 61.3 548.8 65.7 60,633 5,314.8 65.7 60,633 5,414.4 66.2 401.4 66.2 401.4 66.2 401.4 66.2 401.5 69.4 111.418 7,838.1 79.2	3-	4/65 NESTUCCA R	SILETZ R	
627,573 1,106,1 45,3 27,573 1,106,1 40,1 8 217,3 2,8 128,9 9 19,3 128,9 9 19,3 13,9 9 19,5 14,6 9 19,6 111,4 19 7,8 38,1 79,2 111,4 19 7,8 38,1 79,2				
27,573 1,108.1 48.1 8 217.3 2.8 328.9 19.3		5/67 SILETZ R		
27,573 1,100.1 40.1 8 217.3 2.6 328.9 19.3 19.3 19.3 121.6 54,402 3,515.3 64.6 62,936 3,964.4 62.9 82,879 5,080.2 61.3 82,875 5,080.2 61.3 82,752 5,484.4 66.2 82,752 5,484.4 66.2 81,752 5,484.5 66.2 81,752 5,484.4 66.2 81,752 5,484.4 66.2				
8 217.3 328.9 158,532 (4,037.3 62,936 3,954.6 62,936 3,954.6 62,878 5,080.2 60,633 5,080.2 82,752 5,484.6 78,865 3,473.2 111.410 7,838.1	37.7- 41.2	5/69 MCKENZIE R		
217.3 328.9 158.532 14.037.3 54.482 3.515.3 62.936 3.954.4 80.633 5.384.6 82.752 5.484.6 82.752 5.484.6 82.752 5.484.6 81.789 5.344.6				
328.9 54,482 3,515.3 62,936 3,956.6 82,879 5,080.2 80,633 5,386.6 82,752 5,486.8 481.6 111,419 7,038.1				
158,532 14,037,3 121,6 121,6 121,6 121,6 121,6 121,936 131,633 131,6				
121.6 54,482 3.515.3 62,936 3.954.4 80,633 5,080.2 82,752 5,484.4 401.6 58,865 3,473.2 111.418 7.638.1 81,780 6,483.2	-4	172 C ORE COASTAL		
54,482 3,515.3 62,936 3,964.4 80,633 5,080.2 82,752 5,484.6 401.6 58,865 3,473.2 111.410 7.638.1				
62,936 3,956,6 82,878 5,080,2 80,633 5,306,8 82,752 5,484,6 489,3 481,6 58,865 3,473,2 111,410 7,838,1 6,483,2				
82,878 5,080.2 80,633 5,484.6 82,752 5,484.6 401.6 58,865 3,473.2 111,410 7,638.1		4/73 HILLAMETTE R		
56.633 5.384.8 62.752 5.484.4 349.3 481.6 111.418 7.638.1 81.780 6.483.2				
62,752 5,384.6 62,752 5,484.4 349.3 481.6 111.418 7,838.1 81,780 6,483.2	-			
58,885 3,473.2 58,885 3,473.2 111,418 7,838.1 81,780 6,483.2			HERMAN CR	
349.3 481.4 340.2 340.2 111.418 7.638.1 81.780 6,483.2				
58,885 3,473.2 111,418 7,838.1 81,780 6,483.2		1775 COL RIVER 3		
58,865 3,473.2 -4 0 7,638. -780 6,483.2				
58,885 3,473.2 111,410 7,838.1 81,780 6,483.2	-			
81,780 6,483,2				
81,780 6,483.2		176 CLACKAHAS R		
1 .15				
26,520		1/76 HILLAMETTE R		

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

RELEASE									
RELEASE LOCATION									
RELEASE		DESCHUTES R							
DATE		4- 6/73	3/74	4- 6/74	1- 4/75	5- 6/75	8- 9/75	10-12/75	9-10/76
FRANCE		5.3- 8.8			28.3- 64.7			33.2- 75.5	
AVE. GRAH/ FISH		7.3	65.2	8.6	68.7	13.9	22.9	45.5	48.7
TOTAL MEIGHT (KGS)	•	2,182,2	9,479.6	3,612,9	8,997.5	456°8	6.8	876.3	1.941.4
MUMBER OF MIGRANTS	•		145,214		138,934		296	19,238	39,612
NUMBER OF SUB-	•	298,895		416,995		32,689			
SROOD	1958-71	1972	1972	1973	1973	4 16 1	4 26 1	1974	1975

TABLE 287. -- COLUMBIA BASIN- OREGON

	RELEASE	
	RELEASE	
MATCHERY - OREGON DEPARTMENT OF FISH AND MILDLIFE SUMMER CHINOOK SALNON.	RELEASE	DESCHUTES R DESCHUTES R DESCHUTES R
ENT OF FISH	DATE	4775 5- 6775 5- 6776
EGON DEPARTH Salnon.	RANGE GRAN/ FISH	
CHINOOK	AVE. GRAM/ FISH	8.7 15.1 16.1
OF- SUMMER	TOTAL HEIGHT (KGS)	355.6
ROUND BUTTE	NUMBER OF MIGRANTS	6,179 62,791
	NUMBER OF SUB*	40.768
	BROOD	1960-73 1974 1974 1975

TABLE 208.--COLUMBIA BASIN- OREGON ROUND BUTTE HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE RELEASE OF- STEELHEAD TROUT.

	REL EASE LOCATION											
	RELE											
	RELEASE			DESCHUTES R	DESCHITES D							
	DATE			6/73	9-10/73	42/6 -8	42/6 -8	1- 2/75	3- 5/75	7- 9/75	1- 5/76	9/76
	RANGE GRAN/ FISH				3.5- 3.7		3.1- 5.3			0.9- 7.9		
EAD TROUT	AVE. GRAH! FISH			0.6	3.6	64.2	4.6	41.2	83.4	5.2	95.5	5.9
KELEASE OF- STEELHEAD TROUT.	TOTAL WEIGHT (KGS)		-	8.2	1,646.5	11,841.1	1,545.8	24.5	14,101.3	1,178.9	15,471.6	1.933.7
KELEASE	NUMBER OF MIGRANTS	•	0			184,397			168,925		161,854	
	NUMBER OF SUB- MIGRANTS	•	•	13,440	4469437		333,808	965		222,658		324.369
	.00%	-71		S	S	S	S	S	S	S	S	S
	BROOD	1959	1972	1973	1973	1973	1974	1 97 4	1974	1975	1975	1976

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

RELEASE																
RELEASE LOCATION																
RELEASE LOCATION	HERMAN GR	SANDY R	SANDY R	WILLAMETTE R OUMATILLA R	SANDY R	SANDY R	SANDY R	SANTIAN R	BIG CR	G AUDA D	CLACKAMAS R	SANDY R	TANNER CR		HILL AMETTE R	SANDY R
DATE		5/63				99/9					4/72				2/16	2/16
RANGE GRAM/ FISH	5-5-5-1				4.8- 5.6								4.1- 4.4		4.5- 7.0	
AVE. GRAM/ FISH	0.2	0.5	36.7	E . 0	4° 0°	6.5	50 C	***	5.6			8.7	4.2		5.1	7.0
TOTAL WEIGHT (KGS)	3,147.9	355.6	489.6	7.3	3,927.2 5.043.5	4040	342.5	20.9	5,392,3		576.5	6.161	3,378.4	0	43.5	117.9
NUMBER OF MIGRANTS	2,919,481	231,999	79,464		969,154	174,648	58,890		946,846		424,000	101,520	789,956	œ	8,484	16,634
NUMBER OF SUB-		136,558		30,000			34,399	48,876	997	92.31	0000			9		
BROOD	6561	1961	1962	1963	1961	1965	986	98	696	0.761	1261	1 26 1	1972	1973-74	1975	1975

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

RELEASE			
RELEASE LOCATION			
RELEASE	SANDY R	SANDY R	SANDY R WILLAMETTE R WILLAMETTE R
DATE	2/60	1/68	4/75 5/76 12/76
PRANCE			
AVE. GRAM/ FISH	5.5	37.9	35.4 49.6 30.2
TOTAL WEIGHT (KGS)	8 06	2,123,3	633.7
NUMBER OF MIGRANTS		55,988 42,781	51,208
NUMBER OF SUB- MIGRANTS	69,780	•	
BROOD	1959	1966	1973

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

		RELEASE	OF- COHO	SALMON.					
BROOD	NUMBER OF SUB- MIGRANTS	NUNBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM! FISH	RANGE FISH	DATE	RELEASE	RELEASE	RELE
1958		450,999	9.471.5	21.0		3/60	SANDY R		
6561	518,790		316.2	9.0		5-12/60			
1959	335,542		4.182	9 (2768	WILLAMETTE K		
6561	1000/24	661 133	616			1976			
1959	156-013	7716140			2	5- 7/61	- 1		
1960	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		127.5	1.2			, ~		
196	97.840		690 .8	7.0		1/61			
1961		63,158	1,245.6	19.7		3/62	WILLAMETTE R		
1961		580,596	\$664	23.5		4/62	œ		
1961	100,346		43.5	9.4		3/62			
1961	161,196		79.8	3.0		4/62	WILL AMETTE R		
1961		68,365	1,425.2	23.6		3/63			
1961		955,494	23,385.0	24.4		4/63			
1962	505,368		194.6	0.3					
1962	616,215		243.1	D.3		3- 4/63	WILL AMETTE R		
1962		61,814	9	23.4	22.6- 23.8	3/64	HETTE		
1962		889,692	24,167.4	27.1		49/4			
1963	1,845,388		684.9	6.3		3/64	_		
1963	23,881		9.5	0.3		3/64	~		
1963		262,845	6.401.5	24.3	21.5- 26.6	3/65	*		
1963		817,362	22,959.8	28.0	. 6- 33	3/65			
196	939,980		355.1	5.00					
196	2,781,248	100	1,0075.9	5.00		2- 3/65	HILLAMETTE K		
1961		427 6962	6924204	27.0		3700			
1961		4776114	15,551.05	600		3/00	SANDY K		
200	223,666		36896	9 6		3- 4/66	4		
200	31 361 15	970 930		27.0			O ACNE		
1962	630 603	20006		0.00		2767	CANDY D		
900	150 50 50 50 50 50 50 50 50 50 50 50 50 5		25.00	-		2- 3/67	WILL ANETTE D		
989	•	1.812.971	2.496.1	20.4			WILLANETTE R		
966		800 ° 6 70 ° 1	27.117.1	26.6					
1961	3.582.285		1.381.2	0.3		2- 3/68	I		
1961		825,773	27,281.8	33.8					
8961	1.448.585			0.3		3- 4/69	WILL ANETTE R		
898	389,602		103.4	0.3		69/4	SANDY R		
1968	94,019		358.3	3.8		1169	WILLAMETTE R		
996		448,325	12,661.1	28.2		3/70			
8961		459,080	14,279,1	31.1		4/70			
6961	254,240		91.6	8.3		2- 3/70	SANDY R		
6961	1.986.854		716.2	0.3		2- 3/70	WILL AMETTE R		
6961		17,963	322.1	17.9		12/79	-		
6961		979,887	29,734,3	30.3		3/71	SANDY R		
1970.		1,880,924	34,239.4	31.6		4/72	-		
1 261	796,856		2	0.3		3/72	SANDY R		
1261		959,303	29,159,2	30.3	28.3- 32.3	4/73	SANDY R		

RELEASE	WILLAMETTE R
RELEASE	SANTIAN R MILLAMETTE R
RELEASE	SANDY R SANDY R HILLAMETTE R SANDY R SANDY R SANDY R SANDY R MILLAMETTE R HILLAMETTE R MILLAMETTE R
DATE	3-6/74 3-6/74 12/74 12/75 14/75 14/75 13/75 10/7
PERMI	22.6- 30.2 3.3- 2.7
AVE. GRAM! FISH	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
TOTAL WEIGHT (KGS)	26,255.7 20,256.2 26,166.8 454.0 186.1 186.1 1,724.1 28,956.9
NUMBER OF MIGRANTS	949,424 98,332 831,928 4,216 558 61,836
NUMBER OF SUB- MIGRANTS	389,389
BROOD	1972 1973 1973 1974 1974 1974 1974

TABLE 291 .-- CONTINUED.

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

	RELEASE	
	RELEASE LOCATION	
	RELEASE LOCATION	SANDY R HILLAMETTE R
	DATE	6/76
	RANGE GRAM/ FISH	
	AVE. GRAM! FISH	76.9
	TOTAL	257°2 682°7
WEEKST OF	NUMBER OF MIGRANTS	3,342
	NUMBER OF SUB- MIGRANTS	•
	BROOD	1960-73 1974 H

TABLE 293. -- COLUMBIA BASIN- OREGON

	RELEASE	
AND WILDLIFE	RELEASE	C PANTTAN D
ENT OF FISH	DATE	1207
SOUTH SANTIAM HATCHERY - OREGON DEPARTMENT OF FISH AND MILDLIFE RELEASE OF- FALL CHINOOK SALNON.	FRANCE	
HINOOK S	GRAH! FISH	o M
OF- FALL C	TOTAL WEIGHT (KGS)	0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
SOUTH S RELEASE	NUMBER OF MIGRANTS	0 412
	NUMBER OF SUB-	69
	BROOD	1959-72

TABLE 294.--COLUMBIA BASIN- OREGON SOUTH SANTIAM MATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE RELEASE OF- SPRING CHINOOK SALMON.

RELEASE																												WILLAMETTE R			
RELEASE																												SANTIAM R			
RELEASE LOGATION	SANTIAN R	CANTTAM D	SANTIAN R	SANTIAM R	SANTIAM R	SANTIAN R	SANTIAM R	SANTIAH R	SANTIAM R	SANTIAM R	SANTIAN R		SANTIAM R	SANTIAM R	SANTIAM R	SANTIAN R			SANTIAM R	SANTIAN R	WILLAMETTE R	HCKENZIE R	SANTIAM R	SANTIAM R	SANTIAM R	SANTIAN R		MCKENZIE R	SANTIAM R	SANTIAN R	SANTIAM R
DATE RELEASES	1- 3/60	19/11	12/62	12/63	12/64	1/66	1/67	1/68	6/68	11/68	5/69	69/4	69/6	3/70	5/78	11/78	11/14	11/5	11/9	11/11	4/72	5/12	5/72	11-12/72	3/73	5/73	6/73	4- 6/74	12/74	10/75	11/76
RANGE GRAM/ FISH																															
AVE. GRAM/ FISH	21.7	200	7.05	28.0	27.5	26.5	26.8	25.6	6.8	47.0	64.8	0.8	22.1	26.8	8.8	56.2	0.0	9.0	4.6	62.5		9.8	0.0	68.5	76.8	2.8	2.3	0.9	24.9	42.3	46.2
TOTAL WEIGHT (KGS)	2,606.3	2 451 5	6-73R-7	4.427.5	4.054.6	3,897.7	3,934.9	3,793.4	1,315.9	11,589.7	2,156.4	234.5	2,018,5	5,746.6	557.0	18,837.7	962.1	45.8	819.6	19,100.3	692.4	61.7	376.8	9,726.8	2,957.4	430.9	441.8	2,970.6	4,955.5	14.084.3	9,847.0
NUMBER OF MIGRANTS	119,904	1669373	200000	157.893	147.751	147,026	146,607	147,781		246,450	33,276		100416	214,114		335,176				305,316				141,815	38,469				198,632	332,235	212,752
NUMBER OF SUB- MIGRANTS									190,148			274,010			650,840		1,126,683	97,477	177,421		511,232	108,540	463.217			149,025	189,930	3.261.890			
BROOD	1958	500	200	1962	1963	196	1965	9961	1961	1961	1961	1968	1968	1968	6961	6961	1970	1970	1970	0 26 1	1 25 1	1261	1 26 1	1261	1 261	1972	1972	1973	1973	7261	1975

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

RELEASE	
RELEASE	
RELEASE	WILLAMETTE R WILLAMETTE R WILLAMETTE R WILLAMETTE R WILLAMETTE R SANTIAM R SANTIAM R SANTIAM R SANTIAM R SANTIAM R SANTIAM R
DATE	10/68 4/69 4/70 3/70 3/70 4/72 4/72 4/73 4/74 4/75
PERAN	
AVE. GRAM/ FISH	6 4 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
TOTAL WEIGHT (KGS)	2.646.27 2.756.37 2.756.33 4.615.34 4.615.34 1.376.31 1.376.31 1.527.44 1.527.64
NUMBER OF MIGRANTS	66,888 75,289 69,666 193,940 167,888 161,398
NUMBER OF SUB-	34,886 12,135 14,490 3,700 3,700 60,433
WE AR	959-67 968 S 1968 S 1969 S 1970 S 1971 S 1972 S 1972 S 1973 M 1973 M

TABLE 296.--COLUMBIA BASIN- OREGON WALLOWA MATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE RELEASE OF- STEELHEAD TROUT.

RELEASE										
RELEASE LOCATION										
RELEASE		JOHN DAY R	UMATILLA R		COL RIVER 4	GRND RONDE ID				
DATE RELEASES		99/6	19/01		12/9	4- 5/72	9/72	5- 6/73	5/74	5115
SANGE GRAN/ FISH										
AVE. GRAN/ FISH		2.4	9.		75.4	98.7	3.9	56.4	64.5	30.2
TOTAL WEIGHT (KGS)	0	137.1	259.8	0	7.7	3,322.6	34.5	4,139.0	6.44	1,501.4
NUMBER OF MIGRANTS	•			C	102	36,603		73,375	969	49,658
NUMBER OF SUB- MIGRANTS	0	55.518	142,240	0			8.816			
BROOD	1959-65	S 9961	S 2961	1968-69	S 0261	S 1261	2 2 261	1972 S	2 2 2 2 2	S +161

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

RELEASE	
RELEASE	
RELEASE	DESCHUTES R
DATE	10-11/67 10/68 3/69 11/69 17/70 1-3/71 1-3/71 4/72
RANGE GRAM/ FISH	3.6- 7.5 2.3- 9.8 28.3- 98.7
AVE. GRAM/ FISH	60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
TOTAL WEIGHT (KGS)	59 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
NUMBER OF MIGRANTS	71,150 56,557 56,882 221 18,278 37,156
NUMBER OF SUB- MIGRANTS	354,169 276,362 240,210 168,219
BROOD	1958-65 1966 1968 1968 1969 1969 1969

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

RELEASE																		
RELEASE																		
RELEASE		DESCHUTES R																
DATE		9/62	99/9 -4	9-10/66	3- 6/67	3- 6/68	69/4	12/68	3- 4/69	9-12/69	3- 4/70	8-11/78	11/4	3- 4/72	8/72	4/73		1
RANGE			56.6- 75.5	3.2- 15.6		56.6- 75.5			75.5- 90.7	4.5- 16.7				56.6-113.3				
AVE. GRAH/ FISH		3.1	78.4	3.6	50.5	7.1.7	384.6	12.2	78.1	5.0	85.0	8.2	88.5	910	4.3	89.5		
TOTAL WEIGHT (KGS)	6	120.7	4,948.2	93.4	3,788.9	6,177,9	85.3	1,440.2	6,627.9	249.9	6.479.6	546.1	7,028.8	11,338.8	185.1	14,744.8	ca	
NUMBER OF MIGRANTS	co		78.192		75,353	86,133	280		84.762		76.203		79,343	123,692		164,572	•	
NUMBER OF SUB- MIGRANTS	0	38.615		25.880				117.555		49.916		56,192			42.554		0	
BROOD	49-656	S 596	2 5 5 5	366 S	S 998	2 296	267	968 S	S 896	5	S 696	S 026	S 026	5 126	5 216	972 S	973	

TABLE 299.--COLUMBIA BASIN- OREGON AUMSVILLE POND RELEASE OF- FALL CHINOOK SALMON.

	RELEASE	
	RELEASE LOCATION	WILLAMETTE R HILLAMETTE R
	RELEASE	SANTIAM R SANTIAM R WILLAMETTE R HILLAMETTE R AILLAMETTE R SANTIAM R SANTIAM R
	DATE	5/70 5/71 5/72 4-5/74 4-5/74 4-5/75
	RANGE GRAM/ FISH	# # # # # # # # # # # # # # # # # # #
	AVE. GRAM/ FISH	7 N 2 N 2 N 2 N 2 N 2 N 2 N 3 N 3 N 3 N 3
	TOTAL WEIGHT (KGS)	21,239.5 38,027.8 26,015.2 34,654.9 28,497.8 64,954.9
RELEASE OF	NUMBER OF MIGRANTS	4,899,780 5,323,698 4,313,419 6,827,822 5,962,852 1,477,388 6,933,457
	NUMBER OF SUB-	
	BROOD	1959-68 1969 1971 1972 1973 1974

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

RELEASE										
RELEASE										
RELEASE LOCATION		HILL AMETTE R	HILL AMETTE R	WILL AMETTE R	WILL AMETTE R		WILL AMETTE R	WILLAMETTE R	WILL AMETTE R	WILLAMETTE R
DATE		1/70	8-12/70	3/72	12/73					12/76
RANGE GRAM/ FISH			15.1- 75.5							
AVE. GRAM/ FISH		65.9	63.8	48.6	57.8		40.8	46.3	- 3 - 3	60.4
TOTAL MEIGHT (KGS)		19,011.0	29,557.4	45,338.4	74,9753.8	-	24,772.8	67,503.2	1944808	36, 350.4
NUMBER OF MIGRANTS	0	301,768	468,621	1,114,574	1,291,613	•	616,198	1,457,917		601,043
NUMBER OF SUB- MIGRANTS	0					•			1,095,937	
BROOD	1958-67	988	6961	1970	1251	1972-73	1974	1974	1975	1975

TABLE 301.--COLUMBIA BASIN- OREGON SALEM POND - OREGON DEPARTMENT OF FISH AND MILDLIFE RELEASE OF- FALL CHINODK SALMON.

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

	1-67									
R S NTS	•								0	
NUMBER OF MIGRANTS		29,459	4, 128,874	3,737,296	4,854,615	5, 150,266	1.189.676	5,531,779	0	04 1 654
TOTAL WEIGHT (KGS)		195.5	13,579.6	20,744.1	22,304.8	22,501.4	6,681.4	33,694.7	6	2 67 6
AVE. GRAN/ FISH		6.5	3.2	5.5	4.5	4.3	6.0	6.8		6.8
FRANCE	,									5.90 7.5
					2.0	7.4				7.5
ATE		69/9	5/70	5/71	5/72	5- 6/73	5/74	5174		2/16
RELEASE		SANTIAM R	SANTIAN R	SANTIAN R	WILL AMETTE R	WILL AMETTE R	WILL ANETTE R	SANTIAM R		CANTINAC
RELEASE										MILLAMETTER
RELEASE										
	NUMBER NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF WEIGHT GRAM/ GRAM/ RELEASES LOCATION LOCATION MIGRANTS MIGRANTS (KGS) FISH FISH	NUMBER NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF WEIGHT GRAM/ GRAM/ RELEASES LOCATION LOCATION MIGRANTS MIGRANTS (KGS) FISH FISH	NUMBER NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF SUB- OF WEIGHT GRAM/ GRAM/ RELEASES LOCATION MIGRANTS MIGRANTS (KGS) FISH FISH - 29,459 195.5 6.6 6.6	NUMBER NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF WEIGHT GRAM/ GRAM/ RELEASES LOCATION MIGRANTS MIGRANTS (KGS) FISH FISH 29,459 195.5 6.6 6.6 6/69 SANTIAM R 4,128,074 13,579.6 3.2 5/70 SANTIAM R	NUMBER NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF WEIGHT GRAM/ GRAM/ RELEASES LOCATION LOCATION MIGRANTS MIGRANTS (KGS) FISH FISH 29,459 195.5 6.6 6.6 5/70 SANTIAM R 4,120,074 13,579.6 3.2 5/70 SANTIAM R 3,737,296 20,744.1 5.5 6.5 5/71 SANTIAM R	NUMBER NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF WEIGHT GRAM GRAM RELEASES LOCATION LOCA	NUMBER NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF SUB- OF SUB- OF WEIGHT GRAM' SRAM' RELEASES LOCATION MIGRANTS (KGS) FISH FISH LOCATION LOCATION	NUMBER NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF SUB- OF SUB- OF WEIGHT GRAM/ SRAM/ RELEASES LOCATION MIGRANTS (KGS) FISH FISH LOCATION LOCATION	NUMBER NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF SUB- O	NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF HEIGHT GRAM' GRAM' RELEASE LOCATION MIGRANTS (KGS) FISH FISH \$\frac{29.459}{4.120.074} \frac{195.5}{3.2} \frac{6.6}{5.5} \frac{6.69}{5.70} \frac{5.69}{5.70} \frac{5.69}{5.70} \frac{6.69}{5.70} \frac{6.70}{5.70} \frac{6.70}{5.70} \frac{6.70}{5.70} \frac{6.70}{5.70} \frac{6.10}{5.70} \frac{6.70}{5.70} 6.

TABLE 383.--COLUMBIA BASIN- OREGON WAHKEENA POND RELEASE OF- FALL CHINOOK SALMON.

RELEASE								
RELEASE								
RELEASE			COL RIVER 2	COL RIVER 2	COL RIVER 2	TANNER CR	BIG CR	COL RIVER 2
DATE			6/67		69/9	5/70		
SRAMS GRAM! FISH			5.0- 10.7	2.2. 5.0				6.4- 6.5
AVE. GRAM/ FISH			5.7	3.9	5.5	5.7	7.2	6.5
TOTAL WEIGHT (KGS)	•	c	4.543.6	8,552.5	13,459.9	5,128.3	3,432,3	7041404
NUMBER OF MIGRANTS	•	0	786,848	2, 162,419	2,433,502	884,373	478,318	1,139,767
NUMBER OF SUB-	•	0						
BROOD	1959-68	1961-65	1966	1961	996	6961	6961	6961

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

	RELEASE		
	RELEASE		
	RELEASE LOCATION	COL RIVER 2	COL RIVER 2
	DATE	2/67	
	PANGE GRAN/ FISH		
i i	GRAH! FISH	25.9	35.9
	TOTAL WEIGHT (KGS)	8.569.4	33, 152.6
	NUMBER OF MIGRANTS	561,466	920,920
	NUMBER OF SUB- MIGRANTS	•	•
	BROOD	1958-64	1966-73

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

RELEASE							
RELEASE							
RELEASE		ALSEA R		WILLAMETTE R	ALSEA R	ALSEA R	ALSEA R
DATE		49/4		91/4	6/10	12/71	5112
FISH							
AVE. GRAM/ FISH		0.5		2.2	7.6	74.3	10.1
TOTAL MEIGHT (KGS)	•	5.9	0	4000	4,873,9	151.5	2,075,2
NUMBER OF MIGRANTS	G		•	176,400	582,238	2,037	193,358
NUMBER OF SUB- MIGRANTS	8	9,945	0				
BR000 YEAR	1959-62	1963	1964-68	6961	6961	0261	1261

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

RELEASE		
RELEASE LOCATION		
RELEASE	ALSEA R	3/67 N ORE COASTAL
DATE	3/64	3/67
RANGE GRAM/ FISH		
AVE. GRAM! FISH	6.5	0 • 5
TOTAL WEIGHT (KGS)	9 4	152.4
NUMBER OF Migrants	0	C
NUMBER OF SUB- MIGRANTS	86,552	288,875
BROOD VE AR	1958-62	1964-65

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

MINOR MINO					יייייייייייייייייייייייייייייייייייייי	•				
13,650 11,754 21,852 34,9 4,564 2,76 4,764 4,7	BROOD	NUMBER	MUMBER	TOTAL	AVE.	ZANGE	DATE	RELEASE	RELEASE	RELEASE
13-658 101-754 5-18-6 5-15-6 1-17-6 5-15-6 1-17-6 5-15-6 1-17-6 5-15-6 1-17-6 5-15-6 1-17-6 5-15-6 1-17-6 5-15-6 1-17-6 5-15-6 1-17-6 5-17-6 1-17-6	7 7 7	MIGRANTS	MIGRANTS	(KGS)	FISH	FISH	KELEASES	LOCALION	LOCAL TON	LOCALION
18-650 65-354 2-040-27 43.4 4-560 SILETA R 18-650 65-354 2-040-27 45.2 45.3 5-66 SILETA R 18-610 9-74-29 99-2 2-56-5 7-62 MISSA R 18-610 9-74-29 99-2 2-56-5 7-62 MISSA R 18-610 9-74-29 99-2 7-62 7-62 MISSA R 18-610 9-74-29 9-74-29 99-2 7-62 MISSA R 18-610 9-74-29 9-74-29 9-74-29 9-74-29 18-610 9-74-29 9-74-29 9-74-29 9-74-29 18-610 9-74-29 9-74-29 9-74-29 9-74-29 18-610 9-74-29 9-74-29 9-74-29 9-74-29 18-610 9-74-29 9-74-29 9-74-29 9-74-29 9-74-29 18-610 9-74-29 9-74-29 9-74-29 9-74-29 9-74-29 18-610 9-74-29 9-74-29 9-74-29 9-74-29 9-74-29 18-610 9-74-29 9-74-29 9-74-29 9-74-29 9-74-29 18-610 9-74-29 9-74-29 9-74-29 9-74-29 9-74-29 18-610 9-74-29 9-74-29 9-74-29 9-74-29 9-74-29 18-610 9-74-29 9-74-29 9-74-29 9-74-29 9-74-29 18-610 9-74-29 9-74-29 9-74-29 9-74-29 9-74-29 18-610 9-74-29 9-74-29 9-74-29 9-74-29 9-74-29 18-610 9-74-29 9-74-29 9-74-29 9-74-29 9-74-29 18-610 9-74-29 9-74-29 9-74-29 9-74-29 9-74-29 18-610 9-74-29 9-74-29 9-74-29 9-74-29 9-74-29 18-610 9-74-29 9-74-29 9-74-29 9-74-29 9-74-29 9-74-29 18-610 9-74-29 9-74-			20,946	816.5			3/60			
18.658 19.754 5.264.1 5.574.1 1.658.	M 656		65,354	2,842.7	43.4			CE		
13.640 17.74 5.784.1 51.7 45.7 55.4 5.461 MISSON R		18,658		118.2	5.9		-			
13,640 12,413 3.011.1			101,754	5,268.8	51.7	.3.		ALSEA R		
13,640			63,131	3,001.	47.5	41.2- 64.7		œ		
13,640			182,818	9,242,9	50.5	28.3-226.7		8		
13,600 170,821 9,22,9 14,7 15,3 6,4 15,6 4,5 15,8 1,4 15,8 1,4 1			79887	774.7	99.5	75.5-226.7		ALSEA R		
17.0 17.0		139640		242.7	1.2			SILETZ R		
34-596 4-6-10 4			120001	9,242,9	40	5.3- 56				
253,515 14,513,5 200,9 41,2-75,5 4,64 N ORE COASTAL 4,739 14,10 11,6-11,6-11,6-11,6-11,6-11,6-11,6-11,6			1000	J	0.80		2/64			
34-586 4-739 4-731 10-25 4-75 5-75 5-75 5-75 5-75 5-75 5-75 5-7			584	•	238.9	35	3/64	ORE		
34,586 34,586 34,586 35,511 10,315,315,314,7 10,315,315,314,7 10,315,315,314,7 11,6-16,11 3-4,65 NERALEW R 20,185 11,194,3 14,195 21,180 21,680 14,193 21,180 21,680 14,193 21,180 21,680 14,193 21,180 21,680 14,193 21,180 21,680 14,193 21,180 21,680 21,890 21,890 21,890 21,890 21,890 21,890 21,890 21,890 21,890 21,80			73901	2000	2000		40/4	N ORE COASTAL		
249,946 434,536 16,335,3 45,8 32,3 64,7 3 - 5/65 N ORE COASTAL 124,054 17,292 35,0 19,0 19,0 19,0 19,0 19,0 19,0 19,0 19		34.586	2	4000	1000	9		NEHALTH D		
249,946				16.305.3	45.8	200		N ORF COASTAL		
# 249.946 #34.536				7,207.6	357.0					
H 124,054		249,948		1,194,3	4.7		8/65	SEA		
124,054			434,536	24,171,9	55.6			DRE		
19,000 19,043 19,0 19,		124,054		448.5	3.6		8/66	C ORE COASTAL		
1,67 SANTIN 1,67,992 6,469.9 57.2 51.3 - 64.7 3 - 4/67 SANTIN 1,7,992 6,469.9 57.2 51.3 - 64.7 3 - 4/67 SANTIN 1,249.9 1,249.9 6,18 56.5 - 64.7 3 - 4/67 CACKIN 1,249.9 1,249.		52,530		1,043,3	19.8	.1- 25	12/66			
147,992		000012	607 00	2440	600		19/1			
## #67,216 ## ## #67,216 ## ## #67,216 ## ## ## #67,216 ## ## #67,216 ## ## ## ## ## ## ## ## ## ## ## ## ##			167.992		57.2	3 0 2 0		-		
# \$67,216 34,999 1,986,5 54,1 50,3- 75,5 4/67 CLACKEN			428.763		70.00	2 1				
#67,216 1,289.6 2,7 2,2 3,4 7/67 HILLA 19,081 1,173.0 61.7 51.3 56.6 4/68 SANTIL 19,081 1,173.0 61.7 51.3 56.6 4/68 SANTIL 18,542 2,567.3 34.2 1.3 7/68 N ORE 19,961 1,247.4 62.4 3 4/69 SANOT 19,961 1,247.4 62.4 3 4/69 SANOT 157,929 2,188 1,598.0 63.4 4/69 SANOT 157,929 276.7 10.9 2.6 2/69 C ORE 157,929 276.7 10.9 2.6 2/69 C ORE 157,929 2,60.32.7 62.7 2.6 2/69 C ORE 10,2,300 2,849 42,831.8 65.6 5/71 C ORE 10,73 2,949.5 2,49.7 13.9 4.577 C ORE 10,73 24,300 2,506.1 23.6 4/73 C ORE 10,73 23,640 2,506.1 53.5 4/73 C ORE 10,73 2,406.1 23.5 23.5 24.7 2 C ORE 10,73 2,406.1 23.5 23.5 2 C ORE 10,73 2,406.1 23.5 23.5 2 C ORE 10,73 2,406.1 23.5 23.5 2 C ORE 10,73 2,73 2 C ORE 10,73 2,70 2	_		20,070		61.8			CLACKAMAS R		
## 19,001 1,73.0 61.7 50.3- 75.5 4/66 SANTIN ## 19,001 1,73.0 61.7 51.3- 75.5 4/66 SANDY ## 184,542 2,567.3 34.2 10.3 7/69 CRE ## 157,929 1,590.0 63.4 67.5 37.025.4 67.5 62.6 ## 157,929 2,647 62.8 62.8 37.025.4 67.5 62.8 ## 273,330 30,013 1,595.7 62.8 65.6 67.7 62.8 ## 102,300 30,013 1,595.7 53.1 65.6 67.7 62.8 ## 102,300 7,703.3 65.6 64.1 67.5 64.1 67.7 60.8 ## 102,300 7,703.3 60.8 60.8 60.8 ## 102,300 7,703.3 60.8 60.8 60.8 ## 102,300 7,59.595 40,718.5 64.1 6.5 64.1 6.5 ## 102,300 7,703.3 64.1 6.5 64.1 6.5 ## 102,300 7,703.3 60.1 6.5 64.1 6.5 ## 102,300 7,703.3 64.1 6.5 64.1 6.5 ## 102,300 7,703.3 6.5 6.5 6.5 6.5 ## 102,300 7,703.3 6.5 6.5 6.5 6.5 ## 102,300 7,703.3 6.5 6.5 6.5 6.5 ## 102,300 7,703.3 6.5 6.5 6.5 6.5 ## 102,300 7,703.3 6.5 6.5 6.5 6.5 ## 102,300 7,703.3 6.5 6.5 6.5 6.5 ## 102,300 7,703.3 6.5 6.5 6.5 6.5 ## 102,300 7,703.3 6.5 6.5 6.5 6.5 ## 102,700 7,703.3 6.5 6.5 6.5 6.5 ## 102,700 7,703.3 6.5 6.5 6.5 6.5 ## 102,700 7,703.3 6.5 6.5 6.5 6.5 6.5 ## 102,700 7,703.3 7,70	_	467,216		1,289.6	2.7		1167			
19,00 19,130 61,07 51,03 - 75,5 4/66 SANDY 184,542			34, 999	1,896.5	54.1	0.3-	4/68	SANTIAN R		
H 184,542 H 184,542 H 184,542 H 184,542 H 15,944 H 25,188 H 25,188 H 25,188 H 25,188 H 25,188 H 25,376 H 25,376 H 27,329 H 273,330 H 273,330 H 102,300 H 21,294 H 21,294 H 21,294 H 21,294 H 22,831 H 24,300 H 25,364 H 26,790 H 26,790 H 273,300 H 26,296 H 26,290 H 27,294 H 27,200 H 27,294 H 27,300 H 27,000 H			180 6 1		61.7	0.3-	4/68	SANDY R		
184,542			586,966	•	66.2	0.3-1	4/68			
75,847 19,961 1,247.4 62.4 3-4/69 SANDY 547,856 37,925.4 67.5 63.4 3-5/69 CRE 3-4/69 SANTIN 547,856 37,925.4 67.5 3-5/69 CRE 7/69 CRE 7/70 CR		184,542		252.2	- 3					
H 157,929		120001	190 01	2,567.3	3405		-			
H 157,929 CORE 77,025,4 67,5 5.5 5.69 CORE 769 CORE 76,9 CORE 76,9 CORE 76,9 CORE 76,9 CORE 76,9 CORE 76,923,330 CORE 77,92,7 62,7 CORE 77,9 CORE			25.188	1000	620			¥ 1		
H 25.376 717.679 421.4 2.6 7769 SANTINGS 7769 7769 SANTINGS 717.679 45.032.7 62.7 10.9 7779 ALSEA 75.294 42.831.8 65.6 7771 C ORE 7771 C ORE 7771 C ORE 7779 ALSEA 75.294 759.595 48.718.5 64.1 13.9 10.1 ALSEA 75.115 23.640 2.506.2 40.8 4773 CLACKA 4773 CLACKA 4773 CLACKA			547.856		67.5			C OPF COACTAI		
H 273,330		157,929		3	2.6			SANTIAN R		
H 273,330 30,013 1,595.7 53.1 53.1 5770 C ORE 7770 ALSEA 65.6 55.6 5771 C C ACKN H 102,300 249.5 2.4 7771 C ORE 7771 C ORE 7770 ALSEA 65.6 5772 C ORE 7771		25,376			10.9		69/6	C ORE COASTAL		
H 273,330 30,013 1,595.7 53.1 53.1 5770 ALSEA 55.6 55.6 55.6 5771 CLACKA 51,294 42,831.8 65.6 55.6 5771 C ORE 7171 C ORE 717.0 10.7 1 13.9 10.7 1 10.7 1 10.7 1 10.7 1 10.7 1 10.7 1 10.7 1 10.7 1 10.8 1 10.1 1 17.3 ALSEA 754.3 10.1 17.3 ALSEA 47.7 CLACKA 5.5 64.0 8 47.7 CLACKA 5.5 64.0 8 47.7 CLACKA 5.5 65.0 53.5 5 6772 CLACKA			217,879		62.7					
30,013 1,595.7 53.1 5771 CLACKA 65.6 65.6 6771 CLACKA 65.6 65.6 6777 C ORE 249.5 2.4 7771 C ORE 777		273,330			2.8		7/78			
H 102,300 552,849 42,831,8 55.6 5.4 777 C ORE 249.5 2.4 777 C ORE 717.1 C ORE			30,01		53.		2/11	CLACKAMAS R		
H 51,294 759,595 48,718.5 64.1 4.5 13.9 10.77 C ORE 36.2 48.310 6.72 C ORE 36.2 48.81 4.73 CLACKA 4.73 CLACKA 53.5 46.790 2.516.1 53.5 47.3 CLACKA 53.5 5.516.1 53.5 5.516.1 53.5 5.516.1 53.5 5.516.1 53.5			52,84		65.6		2/11	ORE		
H 24,300 48,718.5 64.1 4-5772 C ORE COA 36.7 1.5 1.5 64.1 4-5772 C ORE COA 36.7 1.5 1.5 67.2 ALSEA R 1.73 ALSEA R 4.73 CLACKAMAS S 46.790 2.506.1 53.5		2000		212	4.7		17/7	ORE		
H 24,300 56.7 1.5 6/72 ALSEA R 754,15 23,640 966.2 40.8 4/73 CLACKAMAS S 46,790 2,506.1 53.5		101610	759.595		54.		-	SEA K		
H 75,115 23,640 966.2 40.8 4,73 CLACKAMAS 4,73 CLACKAMAS 6,790 2,506.1 53.5		4.30			1.5			SFA P		
H 23,640 966.2 40.8 4/73 CLACKAMAS 53.5 5 4/73 CLACKAMAS CLACKAMAS		5,11		764.3	1001		1/73	SEA		
S 46,790 2,506.1 53.5 4/73 CLACKAMAS			23,640		40.8		4/73			
			46,790	, 50	53.5		4/73			

RELEASE		UMPQUA R	C ORE COASTAL		SIUSLAM R	
RELEASE LOCATION	CHETCO R	MILLIGONA K SIUSLAM R WILLAMETTE R	SILETZ R SMITH R	MILLICOMA R SIUSLAM R SANDY R	MILLICOMA R SILETZ R	
RELEASE LOCATION	C ORE COASTAL C ORE COASTAL ALSEA R	COQUILLE R SILETZ R C ORE COASTAL CLACKAMAS R	CLACKANAS R ALSEA R UMPQUA R CLACKAMAS R	COQUILLE R ALSEA R SANTIAM R CLACKAMAS R ALSEA R	UMPQUA R COQUILLE R S ORE COASTAL COQUILLE R ALSEA R C ORE COASTAL SANTIAM R	UNE CONSINE
OATE RELEASES		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			10000000000000000000000000000000000000	12//6
RANGE GRAM/ FISH						
AVE. GRAM/ FISH	55.03	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	60.7 60.7 74.0	669 669 669 669 699 699 699	28.3 73.1 70.6 75.7 72.2 72.2 67.8	56.6
TOTAL WEIGHT (KGS)	15, 188.5	9,687.8 9,858.8 5,229.8	6,636.5 6,955.2 5,571.5	9,237.0 19,889.6 7,413.5 6,562.6 618.2	2.571.9 2.571.9 688.4 4.935.5 9.675.6 33,0163.8 7.788.8 3.589.3	349.3
NUMBER OF MIGRANTS	310,512 267,279 223,135	174,028	156,763	146, 122 286, 804 122, 091 119, 325	35, 154 9, 300 69, 820 140, 658 435, 658 106, 698 52, 912	
NUMBER OF SUB-				327,100	66,235	13,890
BROOD	972 H	973 8 M M E 26	97.5 97.5 8 4 7.6 8 4 7.6	974 X X 9774 X X 9774 X X S 9775 S S 9775 S	975 W	H 916

TABLE 307. -- CONTINUED.

	Z																
	RELEASE																
	RELEASE					ALSEA R						0 213 143	STEELE R				
AND WILDLIFE	RELEASE	MILLAMETTE R	C ORE COASTAL	C ORE COASTAL	C ORE COASTAL	SILETZ R		ALSEA K	0 4 30 14	ALSEA K		ALSEA R	STUSTAM K		ALSEA K	ALSEA K	C ORE COASIAL
NT OF FISH	DATE	2/60	1/61		6/62			2/6/	0000	69/2		2//2	1//9		5//3		
ON - OREGON DEPARTMENT OF FISH AND WILDLIFE HROA TROUT	FIRMS					96.7-113.3											
COASTAL OREGON OREGON DE SEARUN CUTTHROA TROUT	AVE. GRAN/ FISH	4.164	145.0	\$ 000 m	127.2	116.5		907.3		411.7		987.1	107.9		119.3	131.9	1
D8COASTAL OREGON ATCHERY - COTTHRO	TOTAL WEIGHT (KGS)	589.7	6,821.01 5,555.4	8.375.6	6,016.4	5,799.2	9	136.1	8	294.8	•	508.9	743.9	co	362.9	2,582,8	A 021 A
TABLE 308C ALSEA HATCHER RELEASE OF-	NUMBER OF MICRANTS	1,200	53,296	100.393	47.288	19,751	•	150	0	716	-	261	6,896	•	3,048	18,955	24 122
	NUT BEER OF SCOR						0		0		•			0			
	BROOD	1958	1959	2 2	1962	1963	1961	1965	9961	1961	9961	1969	1970	1 26 1	1972	1973	

TABLE 309.--COASTAL OREGON
BANDON HATCHERY
- OREGON DEPARTMENT OF FISH AND WILDLIFE
DEFEASE OF- FALL CHIMODE SALMON.

	RELEASE				
	RELEASE LOCATION				ROGUE R
- OREGON DEPARTMENT OF FISH AND WILDLIFE L CHINODK SALNON.	RELEASE LOCATION	COQUILLE R	ROGUE R	COQUILLE R	COGUTLLE R
MENT OF FISH	DATE			3/64	
OREGON DEPART SALMON.	RANGE GRAM! FISH				
CHINOOK	GRAM, FISH	න වෙ	7.8	8 .0	9.0
BANDON HATCHERY RELEASE OF- FALL	TOTAL WEIGHT (KGS)	19.5	2.472.1	29.8	17.6
BANDON	NUMBER OF MIGRANTS	a	316.878		
	NUMBER OF SUB- MIGRANTS	24,156		36.022	115,203
	BROOD	1959	1962	96.3	1961

BANDON MATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE RELEASE OF- COHO SALNON.	TOTAL AVE. RANGE DATE RELEASE RELEASE RELEASE RELEASE RELEASE RELEASE (KGS) FISH FISH FISH	59.9 3.1 5764 COQUILE R
TCHERY TE COHO SALMO		59.9
BANDON HA RELEASE O	NUMBER OF MIGRANTS	65
	NUMBER OF SUB- MIGRANTS	18,868
,	BROOD	1958-62

TABLE 311.---COASTAL OREGON
BANDON HATCHERY
RELEASE OF- STEELMEAD TROUT.

MINGER M										
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	BROOD	NUMBER	NUMBER	TOTAL	AVE.	RANGE	DATE	RELEASE	RELEASE	RELEASE
9-660 133,777 5-219,5 151,1-226,7 3-61 800UE R NORE COASTAL COOS R 13,5 14,9 14,1 12,1 15,1 15,1 15,1 15,1 15,1 15,1 15		OF SUB-	MIGRANTS	WEIGHT (KGS)	GRAM/ FISH	FISH	RELEASES	LOCATION	LOCATION	LOCATION
9-688 133-777 5-126-6 151-1-226-7 3-6 16 Rocue R			LE. 873	7.099.7	45.7				N ORE COASTAL	
9-666 133.777 5.29-5 35.0 13.2- 45.3 3/6 UMPQUA R UMPQUA R 19.28 15.2- 45.3 3/7 6.3 6.11/6 UMPQUA R 19.2 16.3 13.7 16.3 13.7 16.3 6.11/6 UMPQUA R 19.2 16.3 13.8 13.7 16.3 13.8 13.7 16.3 13.8 13.8 13.8 13.8 13.8 13.8 13.8 13	nv		39.684	9,094.5	229.6	151.1-226.7			UMPQUA R	
19,27	טי	9.680		2.7	6.2		09/9			
19,286 19,385 212,3	• •		133,777	5,219,5	39.0	3	3/61	OZ.		
14,027 146,385 56,09.6 18.1 11.3 - 18.1 2 - 3/52 UNPQUAR R COLOR R 14,001.7 21.5	S	49,288		212.3	4.3		-	-		
7,426 146,345 5,689.6 37.8 258.3 4,12 3-276.5 UNRQUU R 67,797 93,391 1-401.7 20.6 7.4 - 21.5 3.65 UNRQUU R 20,353 137,346 6,118 14.0 17.4 21.5 3.65 UNRQUU R 20,353 137,346 6,118.0 14.0 17.5 26.6 3.66 3.0 UNRQU R 20,455 137,346 6,118.0 14.0 17.5 26.6 3.66 3.66 UNRQU R 20,455 137,346 6,118.0 14.0 17.5 26.6 3.66 3.0 UNRQU R 20,455 137,346 6,118.0 14.0 17.5 26.6 3.66 3.0 UNRQU R 20,455 137,346 6,118.0 14.0 17.5 26.6 3.6 UNRQU R 20,455 13.7 102.1 102.	w	18,027		326.6	18.1			œ		
7,426 7,426 11440 8 4.2 5.1 6.4 7 4.2 12.5 5.5 5.6 10 NRQUA R ROCUE R ROCUE R 20,33 137,346 6.115.0 14.0 7 4.2 5.5 5.6 5.6 5.6 5.6 0.10 NRQUA R ROCUE R 20,35 137,346 6.115.0 14.0 7 4.2 26.6 5.6 5.6 10 NRQUA R ROCUE R 20,35 137,346 6.115.0 14.5 26.6 5.6 5.6 10 NRQUA R ROCUE R 20,45 15.2 2.6 10 NRQUA R ROCUE R 20,45 15.3 26.6 5.6 10 NRQUA R ROCUE R 20,45 15.3 2.6 5.6 11.0 NRQUA R ROCUE R 20,45 15.3 2.0 10 NRQUA R ROCUE R 20,45 15.3 2.6 15.3 2.6 10 NRQUA R ROCUE R 20,45 15.3 2.6 15.3 2.6 10.6 10.6 10.6 10.6 10.6 10.6 10.6 10	S		148,385	5,609.6	37.8	3				
1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,	w	7,426		31.8	4.2		12/62			
19, 37 39, 39 39, 90, 6 41, 8 41, 2 75, 5 37, 5 14, 9 37, 39 39, 39, 39 39, 39	S	67,797			20.6		3/63			
16,337 26,3 1,6 8,6 2,6 8,6	S		93,391		41.8		3/63			
20,356 434,5 14,9 5,5-22,6 5,64 WROUN R ROGUE R 20,356 434,5 6,115,8 44,5 25,6-5,6 5,64 WROUN R ROGUE R 20,465 67,567 3,56,9 55,2 5,5-26,6 3,465 URPOUR R ROGUE R 1,623 36,790 5,20,2 5,1-1 19-4 7-10,55 URPOUR R ROGUE R 1,623 36,790 2,00,4 5,1-1 19-7 7-10,65 URPOUR R ROGUE R 1,623 1,60,1 1,60,9 1,60,9 1,60,9 1,60,90 <	0	16.347		26.3	1.6	. 6.	8/63			
20,153 137,346	0	20.358		304.8	14.9		2/64	œ		
137,346 6,115,6 44+5 26,6 56,6 3764 9140UA R ROGUE R 20,485 24,5 3,528,9 52,2 51,3 56,6 3-4/5 9190UA R ROGUE R 15,352 36,790 2,029,4 55,1 10,8 19.7 10,65 9180UA R ROGUE R 1,023 36,790 2,029,4 55,1 51,3 56,6 9160U R ROGUE R 1,023 10,159 6,319,9 63,0 10,8 19.7 10,65 9180UA R ROGUE R 1,024 172,327 10,219,4 55,1 51,2 56,6 75,6 9180UA R ROGUE R 1,024 10,159 63,19 63,0 15,6 75,5 3-66 9180UA R ROGUE R 1,024 10,159 63,19 63,10 63,10 75,2 76,6 9180UA R ROGUE R 1,025 10,219,4 55,10 15,2 10,2 10,2 10,2 10,2 1,025 10,219,4 55,10 10,2 10,2 10,2 10,2 1,025 10,219,4 55,10 10,2 10,2 10,2 1,025 10,219,4 55,10 10,2 10,2 10,2 1,025 10,219,4 10,2 10,2 10,2 1,025 10,219,4 10,2 10,2 10,2 1,025 10,219,4 10,2 10,2 10,2 1,025 10,219,4 10,2 10,2 10,2 1,025 10,219,4 10,2 10,2 10,2 1,025 10,219,4 10,2 10,2 10,2 1,025 10,219,4 10,2 10,2 1,025 10,219,4 10,2 10,2 1,025 10,219,4 10,2 10,2 1,025 10,2 10	, v	20.353		434.5	21.3		3/64			
20,465 20,466 20	20		137.346	6.115.B	44.5		3/64			
10	בפ		00 180	408.7	6 44		3/65			
19.23 36,790 2.029.4 1.0 1	E (67.587	3.578.9	52.2	3.	3- 4/65			
19,352 36,790 2,093.9 19.1 16.5 19.7 2/66 UHPQUA R 1.023 19.1 19.5 56.6 1/66 SORE COASTAL 1.023 19.1 19.2 1.02	, ,	20.485		24.5	1.1	-6	7-10/65			
1,023 36,790 2,029.4 55.1 51,3 - 56.6 J.76 STRE CASTAL J.73 J.16 STRE CASTAL J.75 J.16 STRE CASTAL J.17 STRE CASTAL J.16 STRE CASTAL J.17 STRE CASTAL STRE CAS	K 7	16. 452		293.9	1 6		2/66			
1,023		366461	36.798	4-620-6	55.		3/66			
9,591 108,159 6,319,9 6,31 56,55 75,5 376 6 Wholld R R 51,424 172,327 10,215,6 59,2 45,3 64,7 3 - 466 Wholld R 6,131 105,945 10,215,6 59,2 45,3 64,67 3 - 466 Wholld R 6,153 10,215,6 59,2 45,3 64,60 75,3 6,153 10,215,6 59,2 45,3 64,60 75,3 6,153 10,215,6 59,2 45,3 6,153 10,215,6 59,2 45,3 6,153 10,215,6 59,2 45,3 6,153 10,215,6 59,2 45,3 6,153 10,215,6 59,2 45,3 6,153 10,215,6 50,5 6,153 10,215,6 50,5 6,153 10,215,6 50,5 6,153 10,215,6 50,5 6,153 10,215,6 50,5 6,153 10,215,6 50,5 6,153 10,215,6 6,153	E (1 822		7.3	7.1		1/66	S ORE COASTAL		
51,424	n (200		1 1 1			2/66	ROGUE R		
514424 172,327 10,215,8 59,2 45,3 - 4,67 Wheda R Rogue R S	nu	16006	108.159	6.3.9	63.0		3/66	UMPQUA R		
172,327 10,215.6 59.2 45.3 - 64.7 3-4/67 UMPQUA R ROGUE R 195,945 7.657.5 7.65.5 75.5 3-6.6 UMPQUA R ROGUE R 192,335 14,994.6 75.3 34.6 99.7 2-3/69 UMPQUA R ROGUE R 2,172 209,633 19,514.9 93.0 17.7 C RC COASTAL 2,172 209,633 19,514.9 93.0 12/7 ROGUE R ROGUE R 2,022 26.5 74.3 56.5 91.7 2-3/69 ROGUE R ROGUE R 1,975 196,574 13,552.9 64.9 17.7 ROGUE R ROGUE R 1,975 123,832 13,45 16.1 17.7 ROGUE R ROGUE R 1,975 13,552.9 64.9 16.1 17.7 ROGUE R ROGUE R 1,975 13,632 19,7 19,7 ROGUE R ROGUE R 2,022 19,7 19,7 19,7 ROGUE R ROGUE R 1,975 13,632 19,7 19,7 ROGUE R ROGUE R 1,975 13,632 19,7 19,7 ROGUE R ROGUE R 1,975 19,7 19,9 16.8 ROGUE R ROGUE R 1,975 19,7 19,9 10,7 ROGUE R ROGUE R 1,975 19,7 19,9 10,7 ROGUE R ROGUE R 1,975 19,7 19,7 19,7 ROGUE R ROGUE R 1,975 19,7	20	51.424		346.1	6.7		-	S ORE COASTAL		
5.731 192,335 16,498.6 75.5 3-6/6 UNPQUA R ROGUE R 6.153 192,335 14,498.6 75.3 34.6 99.7 2-3/69 S ORE COASTAL 55.3 17.4 17.0 C ORE COASTAL 17.0 C	20	*3***	172.327	10.215.8	59.5			UMPQUA R		
5,731 192,335 7,657.5 72.2 56.6- 75.5 3-6/60 UNPQUAR ROGUE R 3,172 192,335 14,496.6 75,3 34.6- 90.7 2-3/69 S ORE COASTAL 3,172 209,633 19,514.0 93.0 1770 C ORE COASTAL 6,153 9,307 6,642.0 74.3 56.6- 90.7 3/70 ROGUE R 15,289 199,382 18,351.4 92.0 12/70 ROGUE R 16,940 196,574 13,522.9 16.0 17/10 ROGUE R 1,975 13,632 16,911.6 91.7 11/72 S ORE COASTAL 1,975 13,832 16,911.6 91.7 11/72 S ORE COASTAL 1,975 15,40 19.7 11/72 S ORE COASTAL 1,975 10,911.6 98.7 2-4/73 S ORE COASTAL 1,975 10,911.6 98.7 2-4/73 S ORE COASTAL 1,975 10,011.6 98.7 2-4/73 S ORE COASTAL 1,975 10,011.6 98.7 2-4/73 S ORE COASTAL 1,975 10,011.6 98.7 2-4/73 S ORE COASTAL 1,007 10,011.6 92.1 93.1	2 7		973	63.8	64.7			ROGUE R		
5.731 192,335 14,498.6 75.3 34.8-99.7 2-3/69 SORE COASTAL 3,172 289,633 19,514.3 93.6 17.4 3770 N ORE COASTAL 6,153 89,387 6,642.3 74.8 56.5-98.7 1771 N ORE COASTAL 15,289 199,382 18,5514 92.0 1771 N ORE COASTAL 15,289 199,382 18,552.9 68.9 1771 N ORE COASTAL 16,840 196,574 13,552.9 68.9 16.1 1772 SORE COASTAL 1,975 711.2 19.7 1.1 N ORE COASTAL 1,975 711.2 19.7 1.1 N ORE COASTAL 1,975 711.2 19.7 1.1 N ORE COASTAL 2,13,832 18,911.6 88.7 2-4/73 N ORE COASTAL 3,218 288,880 17,159.9 82.1 1.1 N ORE COASTAL 3,218 2,2	. 10		105.945	7,657.5	72.2	75.		UNPQUA R		
3,172 209,633 14,498.6 75,3 34,8-98.7 2-3/69 S ORE COASTAL 5,53 174, 59.6 175, 3 34,8-98.7 2-3/69 S ORE COASTAL 6,153 209,633 19,514.3 9.6 12.70 UNPQUA R 6,153 6,42.8 74,3 56.5-91.7 3/71 ROGUE R 2,022 28,3 15,4 92.0 17.71 UNPQUA R 2,022 199,382 18,351.4 92.0 17.71 UNPQUA R 1,975 15,289 16,91.6 88.7 2-4/73 ROGUE R 1,975 17.1 ROGUE R 1,975 18,52.9 16,91.6 88.7 2-4/73 ROGUE R 3,218 28,800 17,159.9 16,8 8.7 6-12/73 S ORE COASTAL 3,218 28,800 17,159.9 16,8 8.7 6-12/73 S ORE COASTAL 5,840 21.6 19.7 21.7 8 ROGUE R 3,714 ROGUE R 1,975 18,91.6 88.7 2-4/73 ROGUE R 3,714 ROGUE R 1,975 18,91.6 88.7 2-4/73 ROGUE R 3,714 S ORE COASTAL 1,75 UNPQUA R 5,840 21.7 S ORE COASTAL 1,75 UNPQUA R 5,840 21.7 S ORE COASTAL 5,840 21.7 S ORE COASTAL 1,75 UNPQUA R 5,840 21.7 S ORE COASTAL 6,860 21.7 S ORE COASTAL 7,75 UNPQUA R 7,75 UN		5.731			14.0			UMPQUA R		
3,172 209,633 19,514,0 93.0 17.4 1/70 C ORE COASTAL ROGUE R 6,153 69,367 6,642,0 74,3 56.6-90,7 3/71 ROGUE R 9,744 89,367 6,642,0 74,3 56.6-90,7 3/71 ROGUE R 15,289 199,382 18,351,4 92.0 1/71 UMPQUA R 16,589 199,382 18,351,4 92.0 1/71 ROGUE R 16,540 196,574 13,552,9 68,9 17,72 S ORE COASTAL ROGUE R 16,540 196,574 13,552,9 68,9 17,72 S ORE COASTAL ROGUE R 3,218 288,860 17,159,9 62.1 17,72 UMPQUA R 5,840 17,159,9 62.1 16,15 17,75 UMPQUA R 1,75 UMPQUA R	10		192,335		75.3	86		ORE		
6.153 69.514.3 93.0 3.770 N ORE COASTAL ROGUE R 6.153 69.387 6.642.1 74.3 56.5- 91.7 UMPQUA R 15.289 199.382 16.351.4 92.0 17.7 UMPQUA R 15.289 199.382 16.351.4 92.0 17.7 UMPQUA R 1.975 2.022 27.2 26.3 15.4 17.7 UMPQUA R 1.975 16.540 19.52.9 68.9 68.9 67.7 S ORE COASTAL ROGUE R 1.975 213.032 16.901.6 88.7 2-4/73 S ORE COASTAL S ORE COASTAL S.3.1 16.6 1 17.7 UMPQUA R 2.13.032 16.901.6 88.7 2-4/73 S ORE COASTAL S ORE COASTAL S.3.1 16.8 3.1 6.1 17.7 UMPQUA R 2.13.032 16.90 16.8 88.7 2-4/73 S ORE COASTAL S ORE COASTAL S.3.1 16.8 3.1 6.7 S ORE COASTAL S.3.7 S ORE C	0	3,172			17.4		1/70	ORE COA		
6.153 69,367 6.642.0 74.3 56.5- 90.7 3/71 0 UMPQUA R 9,744 5316.2 28.3 15.4 12/76 0 UMPQUA R 15,289 199,382 18,351.4 92.0 1771 0 UMPQUA R 2,022 31.3 15.4 12/71 0 UMPQUA R 2,022 31.3 15.4 12/71 0 UMPQUA R 2,022 16.1 12/71 0 UMPQUA R 2,022 16.1 12/71 0 UMPQUA R 1,975 13,52.9 16.1 12/71 0 UMPQUA R 1,975 17.2 0 DRE COASTAL 2,024 1.975 0 DRE COASTAL 2,025 16.1 12/71 0 UMPQUA R 3,1218 288,861 17,159.9 16.8 16.8 17.7 0 UMPQUA R 2,13,832 16.901.6 88.7 2-4/73 SORE COASTAL 3,218 288,861 17,159.9 16.8 3.1 80.7 SORE COASTAL 5,840 5.840 7.159.9 62.1 8774 SORE COASTAL 1,975 17.1 0 UMPQUA R 1,975 17.1 0 UMPQUA R 2,024 1.1 1.2 0 UMPQUA R 3,218 288,861 17,159.9 62.1 17,7 UMPQUA R 2,105 17.1 0 UMPQUA R 3,218 18,31 17.1 0 UMPQUA R 3,218 288,861 17,159.9 62.1 17,7 UMPQUA R 5,840 7.25.7 2.4 17,7 UMPQUA R	0		209,633		93.0		3/10	N ORE COASTAL		
9,744 69,387 6,642.0 74,3 56.5- 90.7 3/71 ROGUE R N ORE COASTAL 276.2 28.3 56.5- 90.7 1/71 WHORUR R N ORE COASTAL 15,289 199,382 16,351.4 92.0 3/71 ROGUE R N ORE COASTAL 2,022 272.2 16.1 12/71 ROGUE R N ORE COASTAL 16,940 13,552.9 68.9 17.7 S ORE COASTAL ROGUE R N ORE COASTAL 1,975 711.2 19.7 11.7 UMPQUA R S ORE COASTAL S,959,941 213,832 16,911.6 88.7 2-4/73 ROGUE R N ORE COASTAL 11/72 UMPQUA R COASTAL 11/72 UMPQUA R COASTAL 11/72 UMPQUA R COAUTLLE 6,660 21.6 3.7 ROGUE R N ORE COASTAL 19.1 3.7 ROGUE R N ORE COAUTLE 19.1 3.7 ROGUE R N ORE COASTAL 19.1 3.7 ROGUE R N ORE COAUTLE 19.1 3.7 ROGUE R N ORE COASTAL 19.1 3.7 ROGUE R N ORE COASTAL 19.1 3.7 ROGUE R N ORE COAUTLE 19.1 3.7 ROGUE R N ORE COASTAL 19.1 3.7 ROGUE R N ORE COAUTLE 19.1 R N ORE	×	6,153		68.3	9.8		12/70	UMPQUA R		
9,744 15,289 159,382 18,351-4 20.0 21,022 21,03				6,542.0	74.3		3/71	ROGUE R	ORE	
15,289 199,382 18,351.4 92.0 3/71 UMPQUA R N ORE COASTAL 2,022 31.3 15.4 12/71 ROGUE R N ORE COASTAL S72.2 16.1 1/72 S ORE COASTAL ROGUE R 3/72 S ORE COASTAL S ORE	S	90706		276.2	28.3		12/78	ROGUE R		
2.022 31.3 15.4 17.7 ROGUE R 16.8 1 1.7 1 ROGUE R 16.8 1 1.7 2 RE COASTAL 35.94	S	15,289		530.7	34.8		1771			
2,022 2,022 272.2 16.1 16,840 196,574 13,552.9 68.9 2,3 14.1 35,941 213,832 18,901 213,832 18,901 213,832 18,901 213,832 18,901 213,832 3,218 22,473 22,473 30,800 21,8 3,1 22,473 30,800 21,8 3,1 3,7 3,7 3,7 3,7 3,7 3,7 3,7 3,7 3,7 3,7	S		9	1	92.0		3/11			
16,840 272.2 16.1 1772 S ORE COASTAL KUGUE K 13,552.9 68.9 3/72 S ORE COASTAL KUGUE K 2.3 1.1 2.3 2.3 2.3 2.3 2.3 3.4 3.4 3.5 3.1 3/74 S ORE COASTAL S ORE C	S	2,022		31.3	15.4		12/71			
1,975 13,552.9 68.9 3/72 S ORE COASTAL 2.3 1.1 S ORE COASTAL 1,975 S ORE COASTAL S ORE C	S	16,840		272.2	1 6.1		1/12	ORE		
1,975 35,941 213,832 16,911.6 36,941 3,218 3,218 286,801 17,159,9 82,1 5,840 5,840 5,840 19,1 30,860 5,745 5,840 19,1 30,860 5,745 5,840 5,840 5	S		196,574	S	68.9		3/12	S ORE COASTAL		
35,94; 213,032 16,901.6 88.7 2-4/73 ROGUE R N ORE COASTAL 3,218 34.9 16.8 6-12/73 S ORE COASTAL 5,860 286,800 17,159.9 82.1 3/74 ROGUE R UNPQUA R COQUILLE 5,860 286,800 17,159.9 82.1 8/74 S ORE COASTAL 5,840 19.1 3.7 8/74 S ORE COASTAL 30,860 2.5 7 24.1 3/75 UMPQUA R	S	1.975		2.3	-:		6/12	S ORE COASTAL		
2,13,832 16,901.6 88.7 2-4/73 ROGUE R N ORE COASTAL 3,218 34.9 16.8 6-12/73 S ORE COASTAL 5,860 286,800 17,159.9 82.1 3/74 ROGUE R 6,860 286,800 17,159.9 82.1 8/74 S ORE COASTAL 5,840 19.1 3.7 8/74 S ORE COASTAL 30,800 56.71 24.1 3/75 UMPQUA R	S	35,941		711.2	1.64		11/72	UHPQUA R	ORE	
3,218 288,600 17,159.9 62.1 6-12/73 S ORE COASTAL UMPQUA R COQUILLE 5,860 288,600 17,159.9 62.1 6/74 S ORE COASTAL UMPQUA R COQUILLE 5,840 19.1 3.7 6/14 S ORE COASTAL 30,800 56.71 24.1 17.75 UMPQUA R	v		213,032	16,901.6	88.7		2- 4/13		ORE	
288,860 17,159,9 82,1 3/74 ROGUE R UMPQUA R GOQUILLE 6,660 288,80 19,1 3,7 8/74 S ORE COASTAL 5,840 775 UMPQUA R 30,860 56,715 24,1 3/75 UMPQUA R	v	3.218			16.8		6-12/73			
5,860 5,860 19.1 3.7 8/74 S ORE 5,840 1/75 UMPQUA 30,860 5.215 1.75 UMPQUA	0		288.800		82.1		3/74			COGUILLE R
5,840 19.1 3.7 8/74 S ORE 30,860 5.21 24.1 1/75 UMPQUA 30,860 5.215 1.625 7.21 UMPQUA) 3	6.860			3.1		8/7%			
30,860 50 725.7 24.1 1/75 UMPQUA		2000		1.61	3.7		8/74			
3/75 UMPQUA	n u	2000		725.7	240		1/75			
	0	201600	316 33		79.1		3/75			

TABLE 311. -- CONTINUED.

RELEASE	
RELEASE	COQUILLE R
RELEASE	CHETCO R CHETCO R COOS R UMPQUA R
DATE RELEASES	3/75 3/76 3/76 3/76
RANGE GRAM/ FISH	
AVE. GRAH/ FISH	76.7 102.9 95.2 25.3 77.3
TOTAL WEIGHT (KGS)	7,834.4 5,347.9 5,613.7 898.9
NUMBER OF MIGRANTS	182,888 51,926 58,951 128,958
NUMBER OF SUB-	35,156
	NUXXX
BROOD	1974 1975 1975 1975

TABLE 312.--CDASTAL DREGON BANDON HATCHERY RELEASE OF- SEARUN CUTTHROA TROUT

RELEASE	GOQUILLE R	SMITH R
RELEASE	GOOS R	UMPQUA R
RELEASE	S ORE COASTAL COQUILLE R MILLICONA R UMPQUA R S ORE COASTAL C ORE COASTAL C ORE COASTAL C ORE COASTAL	CHETGO R SIUSLAM R C ORE COASTAL S ORE COASTAL
DATE	5/60 5/61	
RANGE	151.1.453.5	
AVE. GRAH! FISH	4 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	129.5
TOTAL WEIGHT (KGS)		3.866.9 2.466.9 3.487.9 3.785.9
NUMBER OF MIGRANTS	16» 159 1,59 1,59 1,59 1,59 1,59 1,59 1,59 1	34,842 9,819 23,763
NUMBER OF SUB- MIGRANTS	6 6 6	
BROOD	959 960 961 961 961 965 965 966 966 966 966 967 972	976

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

		KELEMSE	5	200400					
SROOD VE AB	NUMBER OF SUB-	NUMBER	TOTAL	AVE.	RANGE	DATE	RELEASE	RELEASE	RELEASE
	HIGRANTS	MIGRANTS	(KGS)	FISH	FISH				
8 20 1		18.097	1.287.5	66.7		3/60			
000		31.265	2.024.b	64.7		12/68	ROGUE R		
1060		26.502	2.450.3	92.8		12/61			
200		25.494	2.845.4	1110		3/62	ROGUE R		
96		39.465	3.475.4	88.8	64.7 - 90.7	11-12/62			
8 8		31.922	3.893.6	121.9	113,3-151.1	3/63			
290		31.998	2.421.7	75.6		10-12/63			
1862		182.790	5,558,3	54.0	1401- 98.7	3- 9/64	ROGUE R		
290	6	6							
196		90.164	7,580.0	84.0		12/65	ROGUE R	ALSEA R	
196		240448	1,697.3	4.69	64.7 - 75.5	1- 3/66	ROGUE R	ALSEA R	
100	22.610		9.6	4.0		1/66	ROGUE R		
200	133.766		259.8	6.0	9.5- 7.6	3- 6/66	ROGUE R	UMPQUA R	
200		55.593	3.585.2	64.4		12/66	ROGUE R		
2 2 2		128,528	8.310.7	64.6		1- 3/68	ROGUE R		
200	18.699			0.6		3/68	ROGUE R		
96.8	12.790		7.3	0.5		69/%	ROGUE R		
800		68.289	40 44 B . B	65.2		2/70	ROGUE R		
0 90	30.676		19.5	0.6		3/70			
969		52.874	3,250.0	62.4		3/71	N ORE COASTAL	¥-	
1020	9.085		52.2	5.7		11/9	ROGUE R		
0.201		57.816	3,313,9	58.1		1/72	ROGUE R		
1071	35.900		19.5	0.5		4/72	ROGUE R		
1471	28.181		1,601	5.1	3.3- 5.2	7/72	ROGUE R	N ORE COASTAL	
1471		57.232	3,739.1	65.3		1/73	ROGUE R		
1 97 2	32.184		16.3	0.5		3/73	ROGUE R		
1972	21,359		182.8	8.5		8/73	UMPQUA R		
1073		a	-						
1076	5.158		1.94	0.6		9115	UMPQUA R		
1074		98,582	7,824.1	79.3		3/16			
1076	23.808		188.9	4.7		91/9	UMPQUA R		
1975	39,600		451.3	1103		1/16	UMPQUA R		

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

RELEASE	
RELEASE LOGATION	
RELEASE LOCATION	ROGUE R ROGUE R ROGUE R UNDQUE R ROGUE R ROGUE R ROGUE R ROGUE R ROGUE R
DATE	4/68 4/68 2/69 4/69 3-4/70 4/72 5/72 11/72
RANGE GRAM/ FISH	36.08 P. S.
GRAM/ FISH	-4-4m3 4-6 -4-4m3 4-6 -4-6-4-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6
TOTAL MEIGHT (KGS)	3, 6295.0 3, 6295.0 3, 6395.0 5, 0369.0 5, 0365.0 5, 0565.0 5, 0565.0 5, 0565.0
NUMBER OF MIGRANTS	18, 055 70, 219 14, 576 89, 998 104, 295 88, 230
NUMBER OF SUB- MIGRANTS	6,623 78,277 29,850 12,982
BROOD	1959-66 1967 S 1968 S 1968 S 1968 S 1969 S 1971 S 1971 S 1971 S

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

RELEASE	
RELEASE	ALSEA R
RELEASE	ALSEA R NESTUCCA R
DATE	1/65 1/71 1/72 1/73 11/74 10/75 6/76
SRANCE	
AVE. GRAM/ FISH	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
TOTAL WEIGHT (KGS)	54°57°57°57°57°57°57°57°57°57°57°57°57°57°
NUMBER OF NIGRANTS	55° 325 56° 44: 34° 518 29° 858 73° 744 92° 623 68° 582
NUMBER OF SUB- HIGRANTS	158,988
BROOD VE AR	1959-63 1964 1964 1970 1972 1972 1975 1975

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

RELEASE RELEASE LOCATION LOCATION			ORE COASTAL					
RELEASE R	NESTUCCA R	RASK R	NESTUGGA R NO	IESTUCCA R	ESTUCCA R	JESTIICCA R	NESTUCCA R	VESTUCCA R
DATE RELEASES	3/62 N	11/68 T					11/75	
RANGE GRAM/ FISH								
AVE. GRAM/ FISH	174.6	88.9	66.5	72.4	56.3 56.6		76.8	340
TOTAL WEIGHT (KGS)	3,241.8	6931801	6,775.3	4,295.1	3,379,3	es u	4,643.8	4.781.8
NUMBER OF Migrants	18,561	71,861	185,838	59,265	50,935 63,888	ess to	60.443	56.918
NUMBER OF SUB- MIGRANTS	9	• .		158,388		0		
BROOD	1958-59	99-1-96	898	6961	1761	1972	1973	1975

		TABLE 3 CEDAR CI RELEASE	TABLE 317CDASTAL OREGON CEDAR CREEK HATCHERY - CREEASE OF COHO SALMON.	L OKEGON RY - OR SALMON.	EGON DEPARTM	ENT OF FISH	ON OREGON DEPARTMENT OF FISH AND WILDLIFE		
BROOD	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL MEIGHT (KGS)	AVE. GRAM! FISH	FISH	DATE	RELEASE	RELEASE	RELEASE
958	0	0	0						
626	27,904		15.0	0.5		2- 3/60	2- 3/60 NESTUCCA R	NESTUCCA R	
960-63	6	9	6						
196	175,628		261 . 3	40		29/5	ALSEA R		
596	7140747		289.4	4.0		2/66	2/66 N ORE COASTAL	ALSEA R	
196	7,740		13.5	1.1		2/68	N ORE COASTAL		
988	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- STEELMEAD TROUT.

									1000
BROOD	NUMBER OF SUB-	NUMBER	MEIGHT	GRAM/	PANGE PANGE	DATE	RELEASE	LOCATION	LOCATION
	TEKANIS	LINERANIS	(Kes)	15.4					
x		116,886	3,556.6	32.0			2 5		
E :		98,568	4,817.2	00 00	38.2- 56.6	19/6 -4	N UKE CORSIAL		
x :	2 2 4 9	202	E 627 2	52.4	74. Re 55. 6	30/1		WILSON R	
E 3	185.38	2676111	9 P	7.0		930	NESTUCCA R		
E 3	0000	121.822	6.651.9	54.6	28.3- 64.7	4- 5/63		MILSON R	
. 30	27,175			6.2		10/63	MESTUCCA R		
		238,446	11,964.4	50.1	32.3- 56.6	3- 4/64	N ORE COASTAL		
×	20,902			**		49/6	NESTUCCA R		
x	36,818		·	7.2					
×		168,019	7,704.7	45.8	25.1- 50.3	3- 4/65	N ORE COASTAL		
x		125,574	u1	4.09		4/66		NEHALEM R	
r	37,400		1.97	2.8		8/86			
x	4.110		31.3	7.6		12/66	NEST UCCA K		
K		185,667	10,954.3	58.9	50.3- 54.6	3/6/	N UKE CUASIAL		
x	21,210		229.1	8.0		-	NEST COR K		
I		246,283	17,090.5	69.3			N ORE COASIAL		
x		326,297	20,385.3	62.4	. 75	3- 5/69			
x		8,088	991.6	122.6		69/1	NEST UCCA R	N ORE COASIAL	NEHALER K
x	28,643		305.3	10.6	7.0- 11.3	11-12/69			
S	15,398		174.6	11.3		2/78	DESCHUTES R		
S		240406	1,628.4	2.99		3/70	DESCHUTES R		
S		13,408	896.8	66.8	i		YOUNGS BAY TRB		
r	The state of the s	451,784	31,175.4	69.0	24.6/- 12.5	3- 4/10	N OKE CONSTAL		
x	150,000		948°E	6.3		8//8	^		
S	98,000		50	5.0		9//1			
S		47,648	3,288,5	69.0		12/4	DESCHOTES R		
R		19,714	1,626.1	82.4			TOUNES BAY IKB		
x		499 • 194	38,247.8	83.0	- 98	3- 4/71			
×	116,817		1,768.6	15.1	11.3- 15.6	11-12/71		NESTUCCA R	
S		609 4 4 4	2,756.9	61.8		4/12	DESCHUTES R		
x		94,350	6,508.1	68.9	64.7- 75.5		SANDY R		
R		425,688	29,558.8	69°4		4- 5/12	N ORE COASTAL		
*		44,957	3,343.4	74.3		5112	est.		
x	9,180		122.5	13.3		12/72			
K	112,177		1,503.7	13.4		1/73			
S	16.068		233.6	14.5		1/73	DESCHUTES R		
v		45,375	3,610,6	79.5		4/73	DESCHUTES R		
3		605,988	43,282.7	71.4		3- 5/73	N ORE COASTAL		
×	123,750		267.2	2.1			NESTUCCA R		
		337,974	22,895,5	67.7		3- 4/74	NEHALEM R	NESTUCCA R	MILSON R
. 3		100.015	6.290.0	62.8		3- 4/74	N ORE COASTAL		
		114.647	B. 056.4	70.2		4/14	CLACKAMAS R	SANDY R	WILLAMETTE R
t)	72.500		771.1	300		12/74	N ORE COASTAL		
E :	20000	207 007	20 151 00	20.04		4/75	NEHAL FIN S	NESTINCOA R	WILSON R
x :		1104/97	E + 6 10 0	3.03		4/75			
x :		130,026	9,000.5	0.70		24/1		S ODE COASTAL	
I		28,793	2,601,62	1300		6114			

TABLE 318 .-- CONTINUED.

RELEASE	WILSON R
RELEASE	YAMHILL R NESTUGGA R NESTUGGA R
RELEASE	TUALATIN R NESTUCCA R N ORE COASTAL N ORE COASTAL
DATE	3-4/76
RANGE GRAM/ FISH	
AVE. GRAM/ FISH	11.4
TOTAL WEIGHT (KGS)	5,282.7 753.8 28,396.7 8,252.2
NUMBER OF MIGRANTS	70,122 438,686 109,990
NUMBER OF SUB- MIGRANTS	65,826
	BUBU
BROOD	1975

TABLE 319.--COASTAL ORECON CEDAR CREEK HATCHERY -- OREGON DEPARTMENT OF FISH AND WILDLIFE RELEASE OF- SEARUM CUTTHROA TROUT

																							TRB													
	RELEASE																		OL TAND		GNAT CR		YOUNGS BAY T					TRASK R								
	RELEASE		O NNOR MIN								YOUNGS BAY TRB						Sept Ave Commen	TOUNGS BAT IND	O THEY SATER O		CLACKAMAS R		GNAT CR	100000	C UKE CUASIAL			SILETZ R								
	RELEASE	N ORE COASTAL	N ORE COASTAL	CLATSKANINE R	N ORE COASTAL	CLATSKANINE R	N ORE COASTAL		CLATSKANINE R		BIG CR	WILLAMETTE R		N ORE COASTAL	N ORE COASTAL	YOUNGS BAY TRB	N ORE COASTAL	CLAISKANINE K	DIE CONSINE	YOUNGS BAY TRB	BIG CR	N ORE COASTAL	CLATSKANINE R		ONE COASIAL	TUAL ATIN R	HOOD RIVER	NEMALEM R	HOOD RIVER	NESTUCCA R	N ORE COASTAL	WILLAMETTE R	HOOD RIVER	C ORE COASTAL	HOOD PINED	HOUD KAVER
	DATE	9- 7/60	19/2 - 4		4- 7/62	5/63		4- 1/64	5/65	3- 7/66		19/9	3- 7/67				5- 6/70		2 0111	5/12	7/72	5- 7/72	5173		4//9 -4	4- 5/75			7175	7/75				4- 5/76	7/76	1110
	RANGE	113.3-151.1	113.3-151.1		113.3-151.1		151.1-226.7	113,3-226,7		56. 70151			90.7-151.1	90.7-151-1	151.1-226.7		113.3-151.1																			
	AVE. GRAM/ FISH	1.711	124.0	V-14-	15404	122.6	174.2	153.B	7.14	1300	37.6	146.3	133.7	128.8	152.4	454.6	123.9	117.6	40121	13.9	13.4	110.7	129.5	125.1	133.7	1.8.7	550.6	119.8	14107	8.14	120.8	113.4	123.4	116.8	6.19	151.2
2000	TOTAL HEIGHT (KGS)	9,920.1	14°41	25409	15,583.6	616.9	16,715.8	14,924.5	141.5	140 A 70 B	41203	659	23,188.1	14,654,2	13,375.5	1,757.2	18,825.8	824.2	16,757.01	570.2	418.7	17.136.7	1.089.1		15,585.9	7.89.7	3-65	16.963.9		95.3		907.2	.644	6,677,8	535.2	756.1
MEERASE	NUMBER OF MIGRANTS	4,004	5.005	1.7983	100,926	5,630	95,923	97,488	966	187,981	3-000	\$ 50 mm	173,356	114,416	87,732	1,208	151,822	7,005	138,025	5,004	7.601	154.675	8.483	175,055	116,540	7 6 6	22.626	141-516	6.144	672	81,539	6,000	27,950	57,141	39384	5,000
	NUMBER OF SUB-																									52,000										
	BROOD	096 1960	1960	186	1961	1962	1962	1963	1961	1961	1965	900	966	1961	1968	8961	6961	1976	1970	1 261	1 261	1971.	1972	1972.	1973.	1974.	476	120	1974	1974	1975	1975	1975	1975	1975	1975

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

TOTAL AVE. RANGE DATE RELEASE RELEASE RELEASE WEIGHT GRAM/ GRAM/ RELEASES LOCATION LOCATION (KGS) FISH		16,515,8 62.8 11-12/74 ROGUE R		6209
NUMBER OF MIGRANTS		266,186		
NUMBER OF SUB-	•			
BROOD	1959-72	1973	1073	>

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

	RELEASE	
	RELEASE	
	RELEASE	ROGUE R ROGUE R UMPQUA R
	DATE	5774
	FIRES	
מו בני וורט ווייט ווייט	AVE. GRAM/ FISH	52.1 118.9 17.1
	TOTAL WEIGHT (KGS)	955.3
KELENSE OF	NUMBER OF MIGRANTS	18,322
	NUMBER OF SUB-	, ,
	BROOD	1959-72 1973 S 1974 S

"-" INDICATES HATCHERY NOT IN OPERATION

TABLE 322.--CDASTAL OREGON COOS HATCHERY RELEASE OF- COHO SALMON.

RELEASE	
RELEASE	MILLICONA R S ORE COASTAL MILLICONA R MILLICONA R
RELEASE	COOS R C ORE COASTAL COOS R COOS R COOS R MILLICOMA R HILLICOMA R
DATE	2-4/60 1-2/61 3-4/62 3-4/63 12/63
CRANGE GRAM/ FISH	23.8- 28.3 19.7- 30.2 23.8- 32.3
AVE. GRAM/ FISH	00000000000000000000000000000000000000
TOTAL WEIGHT (KGS)	3,000 to 10
NUMBER OF MIGRANTS	108,488 128,143 428,484 269,641 62,431
NUMBER OF SUB-	136,633
BROOD	96.0 96.0 96.0 96.2 96.2 96.2 96.2

TABLE 323.--COASTAL OREGON ELK RIVER HATCHERY RELEASE OF- FALL CHINOOK SALMON.

RELEASE			S ORE COASTAL	S ORE COASTAL
RELEASE	CHETCO R CHETCO R CHETCO R	CHETCO R	MILLICOMA R COQUILLE R	ELK R MILLIGOMA R MILLIGOMA R
RELEASE LOGATION		WILLAMETTE R ELK R ELK R S ORE GOASTAL GOOS R	ELK R COASTAL ELK R COASTAL ELK COOS R COOS R	CHETGO R COOS R CHETGO R CHETGO R ELK R COOS R CHETGO R COQUILE R
DATE	9-10/69 3/70 9-10/70 6- 9/71		5778 5-6774 5-6774 9-10774	
RANGE GRAM/ FISH	22.6- 30.2 37.7- 56.6	26.94 - 56.6 3.09 - 55.6 4.9 - 55.3 4.4 - 28.3	4.2- 13.3 3.6- 4.3 31.2- 41.2	3.1.6.9
AVE. GRAM/ FISH	66.00 66.00 66.00 66.00 66.00 66.00	20 - 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		「サートロンをとすった。」できる。 こうしょう こうしょう しゅう とき とうりゅう ちょう ちゃかり ちゃかり ちゃくり しゅうしゅう しゅう
TOTAL WEIGHT (KGS)	7,492.8 3,389.2 15,258.4 15,697.8	33,9965.9 33,9965.9 27,9616.2 3,656.5 3,656.4	8,634,6 2,834,0 1,882,6	28,825.8 1,119.9 238.1 238.1 238.1 1,576.2 1,576.2 1,648.7 1,648.7 39,999.1
NUMBER OF MIGRANTS	603,318 50,811 333,328 746,747	2,314,665 679,746 102,785 579,757 10,200 882,770	100.00% 97.428 565.166 466.005 280.653	636,881 322,357 72,100 35,898 67,764 270,977 213,993 263,018 11,825
NUMBER OF SUB- MIGRANTS	• 50		22,608	
BROOD	1958-67 1968 1968 1969	1971 1972 1972 1972 1972	1972 1973 1973 1973 1973	1973 1974 1974 1974 1974 1975

TABLE 324.--COASTAL OREGON ELK RIVER HATCHERY - OREGON DEPARTMENT OF FISH AND MILDLIFE RELEASE OF- CONJ SALMON.

TABLE 325.--CDASTAL OREGON

ELK RIVER HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE
REFEASE OF- STEFLHEAD TROUT.

TABLE 326.--CDASTAL DREGON FALL CREEK HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE RELEASE OF- FALL CHINGOK SALMON.

RELEASE	
RELEASE	
RELEASE	ALSEA R ALSEA R ALSEA R
DATE RELEASES	10-11/74
FRANGE	
AVE. GRAM/ FISH	45.6
TOTAL WEIGHT (KGS)	39.00 mm m
NUMBER OF MIGRANTS	205,083
NUMBER OF SUB- MIGRANTS	60
BROOD	1959-72 1973 1974

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

RELEASE	
RELEASE	
RELEASE	ALSEA R
OATE	3/7%
PISH	
AL AVE. ZAN GHT GRAM GRA S) FISH FIS	6.
TOT	20 00
NUMBER OF NICRANTS	•
NUMBER OF SUB- MIGRANTS	863696
BROOD	1959-72

TABLE 328.--CDASTAL OREGON FALL CREEK HATCHERY - OREGON DEPARTMENT OF FISH AND WILDLIFE RELEASE OF- COHO SALMON.

		RELEASE	0F- COM0	SALMON					
BROOD	NUMBER	NUMBER	TOTAL	AVE.	RANGE	DATE	RELEASE	RELEASE	RELEASE
TEAR	MIERANTS	MIGRANTS	WEIGHT (KGS)	FISH FISH	FISH	RELEASES	LOCATION	LOCATION	LOCATION
1958		387,876	14,661.5	37.7		2/68	ALSEA R		
1959		\$28,695	15,389.0	36.5		2/61	ALSEA R		
1361	150,384		51.07	0.3		2/61	ALSEA R		
- 360		673,955	21,992,9	32.6		2162	ALSEA R		
1-36-1	1,696,856		701.3	4°0		2- 4/62	C ORE COASTAL	ALSEA R	COOS R
. 1961.	289,469	100	553.4	2.6	2.8- 3.8	5- 6/62	C ORE COASTAL	ALSEA R	
. 201		2240422	2/984201	21.9					
2967	1,887,335		778.4	4.0		3- 4/63	C ORE COASTAL	ALSEA R	COOS R
1905	7 337 017	24 66 49	2046402	2401			ALSEA R		
1963	12-812		19 32 9 0 B	* 0		1- 3/64	C ORE COASTAL	ALSEA R	COOS R
1963		717.219	19.250.8	26.8		30 100	ALCEA DO STAL		
1961	4.366.978		2000	4-0			ALCEA D	100	
196	28,152		300	2	3.9. 5.1	5 6/65	ALSEN N	N ODE COASTAL	
1961		823,827	23,502.8	28.5			ALSEA D	220	
1965	1,776,752		766.1	4.0		2- 4/66	ALSEA R	S ORF COASTAL	
1965		1,029,037	29,897.6	29.0	26.3- 30.2				
9961	2,202,090		920 • 3	9.0			ALSEA R	S ORE COASTAL	
9961		1,158,935	30,958.1	26.7		2/68			
1961	1,720,255		717.6	4.0		2/68	S ORE COASTAL		
1961	50,292			-		3/68	COOS R		
1961	461.94		218.6	4.6			WILLAMETTE R		
1961		1,175,699	38,617.9	32.8	26.6- 34.8			ALSEA R	
8	19656,221		701.3	4.0		01/21/0	C ORE COASTAL		S ORE COASTAL
200	CRC 6401	216	200	200		2- 1/69		C ORE COASTAL	
900		221 4612	20.00	6.92	25.1 - 28.3	02/4	WILLAMETTE R		
0 90	EBO. 020	000000	200 1000	9.62	2002 - 200Z		ALSEA R		
0 00	1-157-812		90007	•			MILLAMETTE R		
6961	78.820		376.5			7/70	MCKENTE D		
6961	283,614		981.6	3.4	3.1 - b.h	6- 8/70	S ORF COASTAL		
1969		261,251	6,813,9	26.0			WILL AMETTE R		
6 96 1		801,020	24,458.5	30.5	28.3- 30.2				
1970	1,855,487		501.7	4.0	•	2- 3/71	COQUILLE R	SIUSLAW R	S ORE COASTAL
0 26 1	200,455		386.9	6.1	,	5/71			
0 16 1		245,786	6,768.1	27.5	25.130.2	3- 4/72	WILLAMETTE R		
0 26 1		1,891,274	33, 30 3, 7	30.5		3- 4/72	ALSEA R		
1 26 1	631,250		293.0	7.0		3/72	C ORE COASTAL	ALSEA R	
1 161	779,083		1,669.1	2.1	1.1- 5.0	4- 6/72			
1761		191939403	36,692.4	30.7	26.6- 32.3		ALSEA R		
2161		1 9 1 3 9 9 9 0 2	349 92809	30.6	,				
1973	293179863	202 202	1,855.2	1.0	0.50 . 3.2		N ORE COASTAL	C ORE COASTAL	
1974		1-014-525	21,122,7	33.9		2- 4/75	ALSEA R		
+ 16		10014020	2101610	26.0			ALSEA R		

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

	RELEASE										
	RELEASE LOCATION										
	RELEASE		NEHALEM R	NEHALEM R	NEHALEH R	NEHALEM R	NEHALEN R	NEHALEM R		NEHALEM R	N ORE COASTAL
	DATE	1000	19/9	6/68	7-10/69	2/70	8/10	10/71		7/75	12/76
SALMON.	RANGE GRAM/ FISH				5.8- 32.3						
HINDOK SA	GRAM! FISH		5.3	5.5	17.1	69.1	22.0	41.7		13.7	55.9
RELEASE OF FALL CHINOOK SALHON.	TOTAL WEIGHT (KGS)	0	873.6	5,365,5	4,248.2	6,585,8	5,127.9	8,591.9	-	1,518.2	20177.2
RELEASE	NUMBER OF MIGRANTS	0	161,784	964.221	2470477	940,895	232,305	205,979		118,451	38.880
	NUMBER OF SUB- MIGRANTS	3									
	BROOD	1958-65	966	1961	898	1968	6961	1970	1971-73	1974	1975

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

	RELEASE	
100	RELEASE	
	RELEASE	TRASK R NESTUCCA R
	DATE	3767
0 2 0 1 4	RANGE SRAM/ FISH	
2001	AVE. GRAN/ FISH	14.0
The state of the s	TOTAL WEIGHT (KGS)	662°2
	NUMBER OF MIGRANTS	8 4,716
	NUMBER OF SUB- NIGRANTS	47,159
	WEAR	1958-64 1965 1965

TABLE 331,---COASTAL DREGON NEHALEM HATCHERY - DREGON DEPARTMENT OF FISM AND WILDLIFE RELEASE OF- COMD SALMON.

	RELEASE																				WILSON R		NESTUCCA R											
	RELEASE				NEHALEM R		NEHALEM R		NEHALEM R		NEHALEM R						NEHALEM R	NEHALEH R			N ORE COASTAL			WILLAMETTE R										
	RELEASE		NEHALEM R	NEHALEH R	N ORE COASTAL	NEHALEM R	N ORE COASTAL	NEHALEN R	N ORE COASTAL	NEHALEM R	N ORE COASTAL	NEHALEN R	NEHALEM R		WILLAMETTE R	NEHALEM R	N ORE COASTAL	C ORE COASTAL	WILSON R	NEHALEM R	NEHALEM R	NEHALEM R	WILSON R	N ORE COASTAL	NEHALEM R	NEHALEM R	NEHALEN R		_		NEHALEM R		NEHALEN X	NEMALER K
	DATE		1/60	19/1	19/5 -4	1/62	1- 4/62	12/62	1- 4/63	9-12/63	1- 2/64	3/65	3/66	3/67	2- 3/67	3/68	3- 6/68	5- 4/69	1169	6/10	2- 3/70			5- 6/71	4/72		1- 4/73	3/73	3/74		2- 3/75		2- 3/76	4//6
	RANGE	FISH			1.3- 1.9					18.8- 26.6							1.3- 2.2			28.3- 32.3		25.1- 34.8		2.4- 4.0			25.1 - 30.2							
ALMON	AVE. GRAM/	FISH	22.8	25.1	1.5	26.9	4.0	22.7	0.3	26.0	4.0	32.5	36.1	31.3	4.0	26.5	1.6	28.5	4.1	30.7	9.0	30.1	4.0	2.7	32.1	9.4	29.0	9°0	29.1	2.8	33.6	0.5	31.6	1.2
OF- COMU SALMON.	TOTAL	(K68)	5,935.7	6,566.2	1,042.4	8,104.8	220 . 4	7,006.2	589.2	8,688,4	4840	10,208.1	11,205,1	8,421.8	449.5	23,916,6	886.9	37,965.2	799.2	33,961.8	423.7	38,253.7	40001	715.3	30,451.0	210.0	34,579.2	264.8	34,776,9	269.4	39,506,3	166.9	40,471.3	4.9
RELEASE OF-	NUMBER	HIGRANTS	259,618	261,515		386,477		308,622		333,847		313,361	309,649	268,265		899,388		1,331,128		1,106,899		1,267,621			947,656		1, 191, 303		1,194,783		1,175,448		1,280,150	
	NUMBER OF SUB-	HIGRANTS			665,214		510.064		1.475.016		1,147,334				1.812.148		491.286		0000-161		114.196		882.560	256,054		520,400		552,847		95,040		331,033		5,258
	BROOD		1958	1959	1961	1961	8	1961	1962	1962	1963	1963	1961	1965	1966	1966	1967	1961	968	1968	1969	6961	1 47 0	1970	1970	1 261	1 26 1	1972	1972	1973	1973	4 26 1	1974	1975

TABLE 332 COASTAL OREGO	332°	-COAST!	AL OREGON	X							
NEHALEI	HATC	SHERY		-	REGON	DREGON DEPARTMENT	OF	FISH	ONE	T OF FISH AND WILDLIFE	
RELFASI	- JO -	CHUM	SALMO	ž							

	RELEASE	
	RELEASE LOCATION	NEMALEM R
	DATE	3/69
	RANGE GRANI FISH	
SALTON.	AVE. GRAM/ FISH	0.3
מביים ביים	TOTAL WEIGHT (KGS)	4.5
KELEASE OF	NUMBER OF MIGRANTS	
	NUMBER OF SUB- MIGRANTS	12,084
	BROOD	1959

TABLE 333.--COASTAL OREGON
NEHALEN HATCHERY
RELEASE OF- STEELHEAD TROUT.

RELEASE											
RELEASE LOCATION											
RELEASE LOCATION	NEHALEM R	O Mariana	MENALEN A	NEMALEN	NEHALEM R	NEHALEM R	NEHALEM R	NEHALEM R	NEHALEN R	NEHALEM R	NEHALEM R
OATE RELEASES	3/60	2760	2000	69/4	01/4	4/71	9/12	4/13	1113	4/15	9114
RANGE GRAH/ FISH											
AVE. GRAM/ FISH	18.2		50.4	64° 7	56°6	65.7	30	82.4	6.4	66.2	75.2
TOTAL WEIGHT (KGS)	348.8	CO !	1,653.3	1,066.4	2,459.4	2.926.6	3.587.9	5,115,6	649	4.257.9	3,520.8
NUMBER OF MIGRANTS	19,104	0	34,706	16,457	43.376	44.519	42.713	61.989		64.453	46,768
NUMBER OF SUB- NIGRANTS	,	0							00001		
BROOD YEAR	1959 W	1961-66	1 967 M	28	1969	1970	1 02 1	1070	1072	27.0	1975

ABLE SSG CURSIAL	OREGON						
ROCK CREEK HATCHERY	•	OREGON	OREGON DEPARTMENT	PF	OF FISH	AND	H AND WILDLIFE
ISE OF- FALL CMINDOK SALMON,	INDOK	SALMON.					

NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	FISH	DATE	RELEASE	RELEASE	× ¬
0	60	-						
	13,280	717.1	53.9		19/01	UMPQUA R		
3	6469044	2,798.2	6.2	4.7 - 7.0	6/68	UMPOUA R		
•	91,546	456.3	6.4		69/9	UMPQUA R		
•	485,678	3,498.1	7.2	7.0- 7.3	5- 6/72	5- 6/72 N ORE COASTAL		

TABLE 335.--CDASTAL OREGON ROCK CREEK HATCHERY - OREGON DEPARTHENT OF FISH AND WILDLIFE RELEASE OF- SPRING CHINOOK SALMON.

BROOD	NUMBER OF SUB-	NUMBER	TOTAL	AVE.	RANGE	DATE	RELEASE	RELEASE	RELEASE
2	MIGRANTS	HIGRANTS	(KGS)	FISH	FISH				
1958		2,197	136.5	62.1		1/68	UNPQUA R		
1958		46,917	2,887.6	61.5		3/60	UMPQUA R		
6 36 3		110,706	4,508.5	41.6		3/61	UMPQUA R		
1960		80,832	7,254.8	89.7		3/62	UNPQUA R		
1961		2,060	46.7	22.6		11/62	UMPQUA R		
1961		91,027	6,901.4	75.8		3/63	UMPQUA R		
1962		4,348	179.6	4103	37.7- 45.3	11-12/63	UMPQUA R		
1 962		79,584	4,454,3	55.9	41.2- 64.7	2/64	UMPQUA R		
1963	49,050		32.2	9.0		2/64	UMPQUA R		
1963		88,297	5,845,8	66.1	45.3- 64.7	12/64	UMPQUA R		
1981	63,442		32.7	0.5		1/65	UMPQUA R		
1965.		4,9157	259.4	64.8		12/66	UMPQUA R		
1965		911666	8,676.3	87.5	30.2- 90.7	1- 2/67	UMPQUA R		
1966		129,997	8,014,5	61.6	41.20 75.5	11-12/67	UMPQUA R		
1966		42,710	1,950.0	45.6		1- 3/68	UNPQUA R		
182		148.66	7,699.7	77.7		1- 3/69	UMPQUA R		
1 96 8		6,643	111.5	16.7		12/69	UMPQUA R		
1968		99,438	7,120.0	71.6		2/70	UMPQUA R	ALSEA R	
6961		83,476	2,116,9	25.3	21.5- 30.2	10-11/70	N ORE COASTAL		
6961		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	1.69		2112	N ORE COASTAL		
1 26 1		2,853	143.8	50.4		12/72	N ORE COASTAL		
1971.		138,045	12,524.1	4.06		3/73	UMPQUA R		
1972		25,096	446.8	17.8		18/73	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		
4 16 1		44,059	2,091,5	4.2.4			UMPQUA R		

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

RELEASE		
RELEASE	UMPOUA R	2 I
RELEASE LOCATION	1.5- 3.0 5- 6/66 N ORE COASTAL	UMPQUA R UMPQUA R C ORE COASTAL
DATE	99/9 -5	3/74
RANGE GRAM/ FISH	1.5- 3.0	26.6- 32.3
AVE. GRAH/ FISH	2.1	33.7
TOTAL WEIGHT (KGS)	1,241.0	- + + + + + + + + + + + + + + + + + + +
NUMBER OF MIGRANTS	co 6	50,891
NUMBER OF SUB- MIGRANTS	582,424	
BROOD	1958-64	1972

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

RELEASE																	
RELEASE																	
RELEASE LOCATION		UMPQUA R	UMPQUA R	UMPQUA R		UMPQUA R	UMPQUA R		UMPQUA R	UMPQUA R	UMPQUA R	UMPQUA R	UNPQUA R	1778 N ORE COASTAL		UMPQUA R	UNPQUA R
DATE		19/9	19/9 -5	29/9		29/5	29/5		3/68	69/1	1/69	3/69	3/69	3/70		2175	3/75
RANGE GRAM/ FISH						22.6- 41.2	30.2- 45.3					56.5- 64.7					
AVE. GRAM/ FISH		6.2	0.1	8.2		31.4	41.0		96.4	16.2	21.1	64.5	85.5	86.1		25.1	76.8
TOTAL WEIGHT (KGS)	0	12.2	15.4	29.0	•	1,126.7	1,807.1	0	5,918,3	55.8	17.7	2,377,3	4,271.5	4,021.5	0	72.1	2,188.5
NUMBER OF MIGRANTS	O				0	35,779	43,982		61,277			36,821	116.64	46,690	-		28,468
NUMBER OF SUB- MIGRANIS	0	45,914	82,711	98,596	•			0		3,444	838				0	2,862	
ER OOD YE AR	1959-60	1 1 1 96 I	S 1961	1962 M	1963	M 4961	S 4961	1965-66	S 1961	1968 W	1 898 H	1968 W	1968 S	S 6961	1970-73	1974 S	S 1261

	WILDLIFE	
	H AND	
	FISH	
	T 0F	
	DEPARTMEN	
_	OREGON	SALHON
OREGON	•	HINDOK
ABLE 338 COASTAL	IERY	-
38.	HATCH	OF-
ABLE 3	SILETZ HATCHERY	LEASE
-	S	2

		RELEASE	RELEASE OF- FALL CHINODK	CHINDOK	SALHON.		SALHON.		
BROOD	NUMBER OF SUB-	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	GRAH/ FISH	RANGE GRAM! FISH	DATE	RELEASE	RELEASE	F 60
1958-66 1967	•	45,000	288.7	4 4		6/68	SILETZ R		

TABLE 339.--COASTAL OREGON SILETZ HATCHERY RELEASE OF- SPRING CHINOOK SALMON.

RELEASE	
RELEASE LOGATION	
RELEASE LOCATION	SILETZ R
DATE	3/74
SRANGE FISH	
AVE. GRAM! FISH	2.2
TOTAL HEIGHT (KGS)	224.5
NUMBER OF MISRANTS	6
NUMBER OF SUB**	0 0
BROOD	1959-72

TABLE 340.--COASTAL OREGON SILETZ HATCHERV - OREGON DEPARTMENT OF FISH AND WILDLIFE RELEASE OF- COHO SALMON.

BR 000	NUMBER	NUMBER	TOTAL	AVE	RANGE	DATE	RELEASE	RELEASE	RELEASE
YEAR	MIGRANTS	MIGRANTS	(KGS)	FISH	FISH	KELEASES			
		367 431	A. 608. B	28.8		2- 3/60	SILETZ R		
926		00+6101	00000				0 641 641		
1959		232,978	7,252,9	31.			SILE IL K		
1061		515.965	15.947.4	30.9	30.2- 32.3		SILETZ R		
200	554-589		302.1	4.0			C ORE COASTAL	SILETZ R	
R	-		120.7	0 -1	0-1-9-0		SILETZ R		
1961	0116171	210 010	1.0 5.0 5	20.02			STIFTT R		
1961		245.010	10001	350			0 440	N ODE COACTAI	ON NOW INC
1 962	581.729		258.5	***		3- 4/63	SILEILR	N ORE COASIAL	2 1011
1062		579.589	21,088,9	36.3	30.2- 37.7	_	SILETZ R		
1062	253.142		166.0	9.0		2/64	SILETZ R	SALMON R	
206	150.612		1.932.8	12.8		8/64	SILETZ R		
206	2000	610	14.515.4	31.5		3/65	STLETZ R		
1963		916 66 Cb	*****	9 5		2765	STIFTY 8	ALSEA R	C ORE COASTAL
1961	628,391		10767			20/2	S ODE COASTAI	STIFTY R	
1961	137,199		517.01	200	100	2010	S CALL CONSTRUCT	2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
196		526,745	15,870,3	30.1			SILET R		
1965	511.520		215.5	4.0		2- 3/66	SILETZ R	SALMON R	C UKE CUASIAL
1965	68.398		749.8	12.4		8/66	SILETZ R		
100		189.984	14.759.1	30.1		3/67	SILETZ R		
200		555.984	15.683.6	28.0		3/68	SILETZ R		
900	SAU-A73		263.1	9.4		2/67	HILL AMETTE R		
200	667.393		202.8	7.0		2/68	WILLAMETTE R		
200	44.851		20.0	4.0		2/68	C ORE COASTAL		
1067	012.101		584.2	5.7		89/9	SILETZ R		
1067		377.482	13.278.3	35.1		69/4	SILETZ R		
. 200		521.702	15.559.6	29.2		4/70	SILETZ R		
000		520.108	16.219.1	3006		12/4	SILETZ R		
200		460.371	15.040.2	32.6		4/72	SILETZ R		
250		ALE 623	16.397.9	32.3		4/73	SILETZ R		
120		L59-120	13.344.2	29.0		3/74	SILETZ R		
1316		454.266	15.219.8	33.5		3/75	SILETZ R		
101		515,550	17.387.6	33.7		3/16	SILETZ R		

TABLE 341.--COASTAL OREGON
TRASK HATCHERY
- OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- FALL GHINOOK SALMON.

				!						
YEAR	NUMBER OF SUB- MIGRANIS	NUMBER OF MIGRANTS	TOTAL MEIGHT (KGS)	AVE. GRAH/ FISH	SRANCE GRAN/ FISH		DATE	RELEASE	RELEASE	RELEASE
656		3049486	456.8	1.5	1.2- 2	2.0	09/9	TRASK R		
20		344,792	465.8	1.3			19/5	TRASK R		
. 15		340 . 684	479.9	4.	1.0- 2	2.0	6/62	TRASK R		
52		361,119	9.196	2.6			6/63	TRASK R		
53		359,490	875.4	2.4	1.8- 3	3.0	49/9	TRASK R		
96		63,842	211.6	3.3			1/65	TRASK R		
55		725,089	3,842.4	5.2	3.7. 5	5.7 6-	1/66	TRASK R		
99		475,535	2,888.8	6.0			29/9	TRASK R		
57		442,816	3,989.5	8.8			89/9	TRASK R		
5.8		367,683	3,463.2	9.4			69/1	TRASK R		
59		349,118	3,589.7	19.2			7/70	TRASK R		
0		404,329	15,080.1	37.2		-01	11/11	TRASK R		
. 1		215,638	5,879,5	27.2	12.9- 56	56.6 8-1	10/72	TRASK R		
.5		46,898	272.2	5.8			7/73	TRASK R		
2.4		136,945	5,091.6	37.1			10/73	TRASK R		
23	96.811		66.2	9.0			4/14	TRASK R		
23		169,788	1,925.1	11.3			8/74	TRASK R		
23		123,954	6,693,2	53.9			11/74	TRASK R		
*		217,375	2,097,9	9.6			7175	TRASK R		
*		153,183	6.876.0	6.44			10/75	TRASK R		
54		295,402	2,788.5	4.6			7/76	TRASK R		
54		285,316	17,787.5	62.3	50.3- 75.5		9//01	TRASK R		

TABLE 342.--COASTAL OREGON
TRASK HATCHERY
- OREGON DEPARTMENT OF FISH AND MILDLIFE
RELEASE OF- SPRING CHINOOK SALMON.

RELEASE																								WILSON R			NESTUCCA R		N ORE COASTAL
RELEASE																						TRASK R		TRASK R			WILSON R		MILSON R
RELEASE LOCATION		TRASK R	TRASK R	NESTUCCA R	NESTUCCA R		NESTUCCA R	COA	~		TRASK R																		
DATE		2/62	6/62	2/63	1/64	1765	11/65	4/66	8/66	2/67	19/1	1911	2/68	10/68	2/69	3/69	69/6	10/10		8-10/72		3/73		2- 3/74	3/74	11/74	3- 4/75	10/75	3- 4/76
PERAM																			64.7- 75.5	32.3- 75.5				1.2- 1.7			2.2- 3.2		
AVE. GRAM/ FISH		26.6	*	2501	34.8	35.1	29.5	3.3	22.4	75.9	0.5	30.2	6.8	88.9	7.06	1.5	70.8	80.9	73.8	73.8	1.5	-5	73.1	1.3	1.7	83.9	2.5	82.8	1.7
TOTAL WEIGHT (KGS)	0	2,272,5	514.8	2,885.4	2,095,6	1,767.6	1,460.1	35.8	1,222.0	327.5	39.5	823.7	29.5	1,543.5	1,609.3	35.8	2,699.8	1.466.4	4,289.5	8,582,4	60.3	80.3	סי	753.4	58.3	10,102,9	1,354.8	9,493.2	1.019.2
NUMBER OF MIGRANTS	3	85,170		539288	68.069	58,271	49,888		540419	4,310		27,225		17,355	17,748		38,893	61,659	58,059	116,178			125,339			120,277		114,597	
NUMBER OF SUB- NIGRANTS	60		114,635					18,744			71,042		32,427			23,718					39,900	53,100		539,062	34,979		526,029		583,037
BROOD	1958-59	296	88	1961	1962	1963	1961	1965	1965	1965	9961	9961	1961	1961	1961	996	1 96 8	6961	0 26 1	1 26 1	1972	1972	1972	1973	1973	1973	1 4 1 6 1	1974	1975

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

		KELEASE OF		משביים משביים						
00000	OL OL	GERMAN	TOTAL	AVE	ZANGE	DATE	RELEASE	RELEASE	RELEASE	
YEAR	OF SUB-	OF	WEIGHT	GR AN	GRAMI	RELEASES	LOCATION	LOCATION	LOCATION	
	MIGRANTS	MIGRANTS	(KGS)	FISH	FISH					
		78.228	2.218.1	28.3		2/60	TRASK R	N ORE COASTAL	UMPQUA R	
900		276 600	7.582.7	21.8	21.5- 23.8	2/61	TRASK R	N ORE COASTAL	UMPQUA R	
200	786.005	20000	1 4	9.00		1- 3/61				
1961	000000000000000000000000000000000000000	583-128	12.083.7	20.7	19.7- 22.6	2- 3/62		UMPQUA R	TRASK R	
1961	887.344		432.3	4.0			N ORE COASTAL			
1961		571.327	14,816,1	25.9	25.1- 26.6	2- 4/63	TRASK R			
06.2	2.665.825		1.292.7	4.0						
1962		505,299	12,868.9	25.4	23.8- 28.3	3/64	N ORE COASTAL	TRASK R		
1963	3.463.999		1,611,2	7.0		1- 3/64				
1963		570.183	12,816,3	22.4		1765	TRASK R			
1961	804.465		372.4	9.4		5- 3/65	N ORE COASTAL			
1961	266.853		2.178.2	8.8	8.8- 9.6	8/65	N ORE COASTAL			
196		644.870	12,338,2	27.7		3/66	TRASK R			
900	1.385.000		628.2	4.0		2- 3/66	N ORE COASTAL			
1065		645.552	18.052.0	27.9		2/67	TRASK R			
1966	1.175.675		549.3	4.0		2- 3/67				
990	127.687		6.65	4.0		1- 2/67		NESTUCCA R		
996		614.856	17,395.7	28.2		3/68	TRASK R			
290	345.968		155.6	0.4		3/68		NESTUCCA R		
1067		522.676	17,123,1	32.7		69/4	TRASK R			
900	674 974		247.2	0.3		2/69	N ORE COASTAL			
2 40		498.227	14,333.6	28.7		4/70	TRASK R			
969	302.812		137.4	4.0		2/10	NESTUCCA R	MILSON R	TRASK K	
969		913,954	29,074.4	31.8	30.2- 32.3	11/1				
1970	126.006		68.3	7.0		2/71	NESTUCCA R			
0261	601.4		7.3	1.7			TRASK R			
1070		1.028.931	31,883,8	30.9		2- 4/72	TRASK R		NESTUCCA K	
1 201		973.443	30,091,3	30.9	26.5- 34.8	3- 4/13	ALSEA R	TRASK R		
1072	219.500		415.0	9.		5/13	N ORE COASTAL			
1972		1.194.067	33,156.2	27.7		3/74	TRASK R			
1073	117.955		345.5	2.9		41/9	WILSON R			
073		1.461.748	47.559.2	33.9		3/75	TRASK R			
1 42 6		1.159.569	34.237.2	29.5		3/16	TRASK R	N ORE COASTAL		
111			The same of the sa							

TABLE 344.--CDASTAL OREGON
TRASK HATCHERY
- OREGON DEPARTMENT OF FISH AND WILDLIFE
RELEASE OF- CHUM SALMON.

RELEASE	
RELEASE	TRASK R
RELEASE	N ORE COASTAL
DATE	2- 3/60
RANGE GRAM/ FISH	
AVE. GRAM/ FISH	\$.00 0 .30
TOTAL WEIGHT (KGS)	85 80 50 80
NUMBER OF MIGRANTS	
NUMBER OF SUB- MIGRANTS	213,744
BROOD	1961

TABLE 345. -- COASTAL OREGON

	RELEASE																				
	RELEASE																				
REARING PONDS- OREGON DEPARTMENT OF FISH AND WILDLIFE - FALL CHINOOK SALMON.	RELEASE LOCATION	ALSEA R	ROGUE K	ALSEA R	ROGUE R	UMPQUA R	ALSEA R	ROGUE R	N ORE COASTAL	UMPQUA R	N ORE COASTAL	ROGUE R	N ORE COASTAL	ROGUE R	ALSEA R	N ORE COASTAL	UMPQUA R	ROGUE R	ALSEA R	ALSEA R	
ENT OF FISH	OATE RELEASES	4/65	99/9	2167	19/9	29/9	89/9	89/9	89/9	10/68	69/1 -9	69/9	6/18	6/70	7/70	12/70	11/9	11/9	1779	7/72	
PARTHE	H SE		P		3.4			5.3			12.2						5.7				
REGON DE	RANGE GRAM! FISH		3.9- 4.3		2.4-			4.4			8.2- 12.2						4.1.				
PONDS- 0	AVE. GRAH/ FISH	12.6	4.1	7.5	3.2	3.6	7.8	6.4	11.3	9.6	8.8	8.3	7.2	5.4	15.4	13.3	4.6	5.5	12.9	18.3	
DFW REARING OF- FALL	TOTAL WEIGHT (KGS)	177.4	337.5	420.5	105.2	6.989	443.2	870.9	938.5	4.748.7	528.9	1.530.4	6.610.2	1.405.2	350.2	1.614.8	2.648.1	695.4	390.1	678.9	
MINOR ODFW R RELEASE OF-	NUMBER OF MIGRANTS	14,019	81,356	55,619	32,279	165.472	56.667	176.127	82.994	490.757	59.878	184.245	914.598	259.844	23.345	121.845	558.810	125.597	30-088	36 53	200 200
	NUMBER OF SUB-																				
	BR000 YEAR	4961	96.5	96.6	966	1966	1967	1967	1967	1061	1061	2 2	000	000	6060	606	200	040	040	200	1 161

		MINOR OF	DFW REARING OF- COHO	PONDS- 0	REGON DEPART	HENT OF FISH	TABLE 3%6CURSTAL OREGON BEPARTMENT OF FISH AND WILDLIFE RELEASE OF- COHO SALMON.		
BR000	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAH/ FISH	RANGE GRAM! FISH	DATE	RELEASE	RELEASE	RELE
963		26,333		1.61		6/64	ALSEA R		
963		3,758	89.8	23.8		1765	ALSEA R		
196		107,782		15.1		8/65	ALSEA R		
696		6,933		5.5.2		3/71	SIUSLAW R		
972	150.000			10.0		11/73	AI SFA R		

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

RELEASE									
RELEASE LOCATION			UMPQUA R	UMPQUA R			UMPQUA R		
RELEASE	ROGUE R	ROGUE R	ROGUE R	ROGUE R	UMPQUA R	UMPQUA R	ROGUE R	ROGUE R	UMPQUA R
DATE	3/62	5/63	5/64	4/65	6/65	4/66	2/66	2- 6/67	7- 8/67
RANGE GRAM/ FISH				20.6- 37.7			26.6- 30.2		
AVE. GRAM/ FISH	26.2	19.3	15.9	24.9	33.0	5.0	29.1	37.0	195.9
TOTAL WEIGHT (KGS)	2,978.7	2,436,7	2,220.3	1,532,2	315.2	129.3	2,158.2	519.4	3,161.5
NUMBER OF MIGRANTS	113,660	126,249	139,574	61,486	9,527		73,999	14.004	16,138
NUMBER OF SUB- MIGRANTS						25,659			
0	S	S	S	s	S	S	S	S	S
BROOD	196	1962	1 963	196	186	1 96 5	1965	9961	996

TABLE 348.--CDASTAL OREGON
ANADROMOUS INC.
- PRIVATE OREGON FISH HATCHERY
RELEASE OF- COHO SALMON.

RELEASE	
RELEASE	
RELEASE	9 3000
DATE	21.75
RANGE GRAM! FISH	
AVE. GRAM/ FISH	18
TOTAL WEIGHT (KGS)	1 124 -
NUMBER OF MIGRANTS	1 000 00
NUMBER OF SUB- MIGRANTS	•
BROOD	1960-74

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

RELEASE							
RELEASE							
RELEASE LOGATION							YAQUINA BAY
DATE Releases			11/73	41/9	4/15	11/75	10-11/76
SANGE	1011						
AVE. GRAM/	151		41.2	7.2	63.8	33.3	29.3
TOTAL	16041	•	412.3	194.6	830.5	166.9	4,314.6
NUMBER OF	CINENDA	•	10,000	27,000	13,000	5,000	147,000
NUMBER OF SUB-	TOURNET	•					
BROOD		1360-71	1972	1973	1973	1 97 4	1975

	LOGATION L	
	RELE	
RY	RELEASE	YAQUINA BAY YAQUINA BAY YAQUINA BAY YAQUINA BAY
FISH HATCHE	DATE	11/75
EGON - PRIVATE OREGON FISH HATCHERY ILNOOK SALMON.	FISH	
OREGON - PR CHINOOK	GRAM!	110.6
TABLE 350CDASTAL OREGON OREGON AQUA-FOODS - PRIVATE OF RELEASE OF- SPRING CHINOOK SALMON.	TOTAL NEIGHT (KGS)	5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
TABLE 3	NUMBER OF MIGRANTS	5.0000
	NUMBER OF SUB-	10
	EAR	60-71 72-73 74 74

TABLE 351.---CDASTAL OREGON
OREGON AQUA-FODDS
- PRIVATE OREGON FISH HATCHERY
RELEASE OF- COHO SALMON.

RELEASE									
RELEASE									
RELEASE LOCATION					VAQUINA BAY				
DATE RELEASES			6/74	4/15	6/15	4/76	9119	7- 8/76	10-11/76
RANGE GRAN/ FISH						30.2- 50.3		15.1- 32.3	
AVE. GRAM! FISH			10.3	54.6	10.0	38.9	15.1	19.6	115.0
TOTAL WEIGHT (KGS)		•	896.8	874.5	1,270.1	13,642.2	3,762.1	10,117.4	6,211.5
NUMBER OF MIGRANTS	1	0	87,000	16,000	126,000	350,000	248,000	516,000	54,000
NUMBER OF SUB- MIGRANTS	٠								
BROOD	12-0961	1972	1973	1973	1974	1 26 1	1975	1975	1975

TABLE 352.--CALIFORNIA COLEMAN HATCHERY - US FISH AND MILDLIFE SERVICE RELEASE OF- FALL CHINOOK SALMON.

		KELEASE	OT- TALL	CHENOUR SH	SALTONS				
88000	NUMBER	NUMBER	TOTAL	AVE.	RANGE	DATE	RELEASE	RELEASE	RELEASE
YEAR	MIGRANTS	MIGRANTS	(KGS)	FISH	FISH				
0 10	SAGO. RER		10.100.1	9.0		2- 3/60			
600	6. 856.595		.377			09/4	ACR AMENTO		
050	200000	5,084,551	55,343,3	10.6	1.4-110	-	ACRAMENTO		
960	289,328		122.	4.0		-			
960		26,509,432		6.0	.7- 1.	, '	ACKAMENTO		
960		6,416,412	0,570.	6.01	2.6- 15.	2-1	ACKAMENTO		
196	3,649,948		1,466.5	7.0		19/21	ACKAMENTO		
196	4,049,852		1,427.0	2.3		79/1	0		
196	6,904,374		÷	0.6			0		
196		4,076,890	48,994.8	12.0	2.9- 12.	-			
296	18, 322, 486		8, 155.1	3.0			9 0		
296	1.467,622		837 °B	0.5			0		
962		12,091,973	11,990.3	6.0		1	0		
962		5,726,690	92	12.0	11.1-17.	4 8-12/63	0		
263	1.000.000		453.6	4.0		3/64			
26.3	368,000		226.8	0.6					
200		5,588,508	61,733,9	0.11	6.2- 13.	3 7-12/64	SACRAMENTOR		
200	1.229.000			9.0					
796	11.649.000		6	9.0		3-			
100	2006	5.706.000	.432	10.9	4.5- 13.	29/11-9 2		L	
700	222.008		90	9.0			SACRAMENTO R		
200		10.079.100	71,894.4	7.1	1.4- 7.	5-1			
966		6,282,199	45,723.5	7.2	-	-9	SACRAMENTO R		
1967		10.339.000	54,228.3	5.5	9	2-			
96.8		4.827,176	26,129.6	6.4	4.5- 8.	2 4-	_		
0 0	25.000			0.3					
969		5,943,181	36,246.5	4.9	3.6- 10.	00/01-4			
969		35,598	871.4	24.4			_		
970		7.748,163	47,766.5	6.1	.5- 11	2.	0		
1 26	802,924		427.3	0.5	-	•	0		
1 26		4,027,241	17,890.1	4.4	.2- 4		0		
1 26		8, 932, 157	37,984.3	4.2	.7.	3-	SACRAMENT		
972		408446944		5.5		- 4-	SACKAMENTO		
1972		1.994.407	8,542.5	7.5		4- 6/13	CACCAMENT		
1973	770,120		50445	÷ •		1- 4/74	RATTIF CR		
1973	188,879		27.0	9 3	4.70 5.	. S.	BATTLE		
1 973		2 4.06 566	12.275.4	9	7 - 5		SACRAME		
1973	•	006 4064 47	24.5	7.0		14	BATTLE		
1261	374	2.208.880	7.687.9	3.4	1.8- 5.	5 4-	-	SACRAMENTO R	
120		288.600		5.9	6- 5	2	SACRAMEN		
+ 16		I AR 3 - GAR	.671	7.7	5 - 7	6	BATTLE CR		
1974		18.000	188	18.6			SACRAME		
* 16.	33.958			0.7			BATTLE C		
1975		1-802-891		4.6	9 -4.	1 4- 6/7	BATTLE CR		
1975		2.388.910	50%		8- 3	5- 6/7	SACRAMEN		
1975		1.081.009	786			9//6	BATTLE CR		
21.0			•						

TABLE 352. -- CONTINUED.

88000	NUMBER	NUMBER	TOTAL	AVE.	RANGE	DATE	RELEASE	RELEASE	RELEASE
YEAR	OF SUB-	0F	WEIGHT	GRAM	GRAM	RELEASES	LOCATION	LOCATION	LOCATION
	MIGRANTS	MIGRANTS	(KES)	FISH	FISH				
1975		451,960	4,963.2	6.01	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 - US FISH AND WILDLIFE SERVICE RELEASE OF- COHD SALMON.

RELEASE	
RELEASE	
RELEASE LOCATION	SACRAMENTO R
DATE	1/68
RANGE GRAM/ FISH	
AVE. GRAM/ FISH	1.8.1
TOTAL WEIGHT (KGS)	7,076.8
NUMBER OF MIGRANTS	390,000
NUMBER OF SUB- MIGRANTS	0
BROOD	1958-66

TABLE 354.--CALIFORNIA COLEMAN HATCHERY - US FISH AND WILDLIFE SERVICE RELEASE OF- STEELHEAD TROUT.

	NUMBER	NUMBER	TOTAL	AVE.	RANGE	DATE	RELEASE	RELEASE	RELEASE
	OF SUB-	OF MIGRANTS	(KGS)	FISH	FISH	RELEASES	LOCALTON		
*	283,789		5,146.9	1.81	11.6- 22.6	2- 3/60	SACRAMENTO R		
-		138,455		33.9		3/60	ACRAMENTO	SACRAM TRIB	
*	97,344		4,340,9	44.5		3/61	BATTLE CK	CCATUED D	
×		15,377	1,155.8	75.1					
3	180,303		5,907.6	32.7	32.3- 37.7		SACKARENIOR	¥	
×		177,979	7,745.5	43.5		19/21-01	BALLECK	o contrary	
x :		187,347	89421.8	44.9 6.4.9		10/63	0		
×		0000	0000	200	2 22 66 6	1- 4/64	CACCAMENTO	FFATHFR R	
x :	000	460 + 600	17.644.7	30.0	200		SACRAMENTOR		
	0004606	225.280	12.020.2	53.3	50.3-226.7	10-12/64	SACRAMENTO R		
		736,700	33.838.8	45.9	45.3-453.5	1- 6/65		SACRAM TRIB	
	40.600		1,723.7	45.4		12/65	0		
- 38		1.338.551	66,814.2	6.64	45.3- 50.3	1- 6/66	0	SACRAM TRIB	
1		296,550	22,339.4	75.3		8-12/66	0		
x		885,620	56,952,1	64.3	45.3-151.1	1- 6/67	0		
x		573,900	37,044.4	64.5		-			
*		869,100	52,360.9	60.2	26.5- 64.7	1- 3/68			
×	352,000		4.648.4	13.2		10/68			
ĸ		168,396	11,115,3	0.99					
I		902,183	64,681.4	71.6	56.6- 90.7		SACRAMENTOR	SACKAH INTO	
x		655,570		9.09		02/11	VIBA D		
X	77,927		6629	0.01	,		NINT OF THE O	DATTIE CD	
x		1,527,680	89,253.4	700.	200 20 000	12/61	CACCAMENTOR		
I			1046161			1- 1/72			
x :		197009225	6.0000	+00+		400			
R :	20.02			20.00	71. 80 77.7	3- 4/73	SACRAMENTO R	SACRAM TRIB	
Z 7	292,380	169.521	14.519.8	0 9	5	900			
E :		201000	20 825 2	40.0	45.30 64.7	1- 3/73	SACRAMENTO R	SACRAM TRIB	
x 3	640.642	066 46 20	773.8	1.7	1060			SACRAMENTO R	
K 3	176.670		1.190.7	6.7	6.2- 7.3				
	115.482		3.182.9	27.5		12/73			
: 3	10110	1.325.788	58,751.6	44.3	37.7- 50.3	2- 4174	BATTLE CR	SACRAMENTO R	
		101,551	4,653.9	45.8		12/74			
		50,803	2,281.6	6.44		3/15			
-		600,342	28,233.4	47.0		5- 4175			
1		653,317	38,869.2	1065					
-	15.000		6.8	9.0		5115			
-	115,250		1,564.9	13.5		10/75	SACRAMENTO R		
×		53,460	2,449.4	45.8					
ĸ		901,287	48,793.4	54.1		2- 4/76	ш		
3		165,000	0	66.7		9/14	BATTLE CK		
x	48,440		31.8			9/19			
x	55,800			8.2		91/6	SACRAMENTOR		
I	178,535		3,239,1	18.1		10/16	SACKAMENTOR		

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

RELEASE	
RELEASE	KLANATH R
DATE	6/72
RANGE GRAM/ FISH	
AVE. GRAM/ FISH	50.3
TOTAL MEIGHT (KGS)	4,082,3
NUMBER OF MIGRANTS	81,000
NUMBER OF SUB- MIGRANTS	9
BROOD	1958-69

RELEASE

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

8ROOD YEAR	NUMBER OF SUB- MIGRANTS	NUMBER TO OF MERANTS (K	TOTAL WEIGHT (KGS)	TAL AVE. IGHT GRAN/ GS) FISH	RANGE GRAN/ FISH	OATE	RELEASE LOCATION	RELEASE LOCATION	RELEASE
959-69 970 H 972 H 972 H 973 H 978 H	40,080 25,295	22,100 15,00 26,685	383.8 487.6 771.1 0 523.9	7.55 34.6 34.7	16.7- 22.6	3- 4/75	EEL R EEL R RUSSIAN R NCAL GSTL TR NCAL GSTL TR	TRIB	

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

RELEASE	
RELEASE	DRY CR
RELEASE	RUSSIAN R
DATE	5/69
RANGE	
TAL AVE. R IGHT GRAM/ G GS) FISH F	3.8 4.7
5#5	1,516.4
NUMBER OF MIGRANTS	391,140
NUMBER OF SUB- MIGRANTS	•
BROOD	1959-67

TABLE 350.--CALIFORNIA DARRAM SPRINGS HATCHERY - CALIFORNIA DEPARTMENT OF FISH AND GAME RELEASE OF- COHO SALMON.

ш	N																									
RELEAS	LOCATION																							SMITH R		SMITHR
RELEASE	LOCATION																						SHITH R	EEL R		EEL R
				407	2	TRB	RIB		TRIB																	
RELEASE	LOCATION		O CVM	LAN CAL	N CAL COLL	N CAL CSTL	NCAL CSTL T	KLAMATH R	NCAL CSTL T																	
DATE	RELEASES		3761	10 2763	2016	11-12/62	2- 3/63	12/63	1- 3/64	11-12/64	3- 8/65	11-12/65	2- 8/66	2- 8/67	2-10/67	2- 8/68	2- 8/69	12/69				2- 3/73			4/15	3/16
A SN A S	FISH				C. 00 - 2014	18.8- 20.6	37.7- 45.3	28.3- 30.2		16.1- 20.6	41.2- 90.7	25.1- 26.6	45.3- 90.7	18.8- 64.7		26.6-113.3	34.8-113.3		34.8- 90.7	37.7- 41.2	32.3- 50.3	30.2- 37.7	26.6- 90.7			
AWE	GRAM/ FISH			• • • • •	4000	20.1	42.0	29.5	46.6	1.8.1	51.1	25.9	52.9	32.9	7.0	37.0	42.3	21.5	38.2	38.1	43.9	33.4	29.4	30.2	4.44	27.9
TOTAL	WEIGHT	c		200000	12001103	1,861,1	17,398.9	2,514.7	17,331,3	2,183.1	20,283,3	2,621.3	30,319,9	18,972.4	390.1	20,460.6	23,534.6	972.0	21,944,3	16,125.7	24,493.5	18,173.5	14,748.1	13,989.0	3,175,1	14,674.6
2	MIGRANTS	•	-	200000	2/10541	92,521	413,863	85.035	371,391	120,031	396,812	101,022	572,679	575,852		552,033	555,677		573.041	422,736	557,625	542,506	500,508	460,181	71,400	525,133
0	OF SUB-		•												55.517			45,003								
9000	YEAR	0	926	6661	1 96 1	1961	1961	1962	1962	1963	1963	196	1961	1965	1966	1966	1961	1968	896	6961	1970	1 26 1	1972	1973	1973	1974

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

NUMBER NUMBER NUMBER TOTAL AVE. SANGE DATE RELEASE RELEASE RELEASE RELEASE RELEASE RELEASE RELEASE TOTAL AVE. RELASE RELEASE REL			ארדריייר							
FISH	BROOD	NUMBER OF SUB-	NUMBER	TOTAL	AVE.	SRAM	DATE	RELEASE	RELEASE LOCATION	RELEASE
106 106 107		MIGRANTS	MIGRANTS	(KGS)	FISH	FISH				
10,000	9-66	•	•	•						
345,000	296		231,675	6,236,9	26.9	18.8- 30.2	12/68	FEATHER R		
345,000 2,656,000 3,655,5 5.7 4.9 0.9-5.0 6/69 FEATHER R	196		106,800	4,0037.8	37.7		1/69	FEATHER R		
345,000 2-456,500 17,4746 7-11 1-11 1-2 3/70 FEATHER R SACRAMENTO 2-456,500 17,4746 7-11 1-2 1/70 FEATHER R SACRAMENTO 2-456,500 22,483.7 41.4 32.3 - 56.6 10-12/70 FEATHER R SACRAMENTO 2-458.5 60.4 2/71 FEATHER R SACRAMENTO 2-57,408 25.248.7 41.4 32.3 - 56.6 10-12/71 FEATHER R SACRAMENTO 2-50,855 33.815.3 61.3 50.3 64.7 10-12/71 FEATHER R SACRAMENTO 2-650,855 33.815.3 61.3 50.3 64.7 10-12/71 FEATHER R SACRAMENTO 3-59,000 1,943.750 6-976.8 31.7 19.7 90.7 7-12/72 FEATHER R SACRAMENTO 1-911,453 37.856.8 31.7 19.7 90.7 7-12/72 FEATHER R SACRAMENTO 1-911,453 37.856.8 31.7 19.7 90.7 7-12/72 FEATHER R SACRAMENTO 1-666.9 10.8 1.5 1.4 3-4/73 FEATHER R SACRAMENTO 1-611,760 6-90.2 1.3 4.2 3.7 5.0 0.7 7-12/74 FEATHER R SACRAMENTO 1-611,760 6-90.2 1.3 4.2 3.7 5.0 0.7 7-12/75 FEATHER R SACRAMENTO 1-7612,750 6-90.2 1.3 4.2 3.7 5.0 0.7 7-12/75 FEATHER R SACRAMENTO 1-7612,750 6-90.2 1.7 5 FEATHER R SACRAMENTO 1-7612,750 6-90.7 7-12/75 FEATHER R SACRAMENTO 1-7612,750 9-90.7 7-12/75 FEATHER R SACRAMENTO	. «		301.200	1.478.7	6.4		69/9	FEATHER R		
345,000 2,456,500 17,476,6 7.1 5.0 14.1 4-9770 FEATHER R SACRAMENTO 2,51600 2,458,50 0 17,476,6 5 7.1 5.0 14.1 4-9770 FEATHER R SACRAMENTO 2,51600 2,458,5 60.4 32.3 56.6 10-12.77 FEATHER R SACRAMENTO 57,468 6,576,640 35,248.7 4,1 1.0 12.9 4-777 FEATHER R SACRAMENTO 550,855 33,815,3 5 61,3 50.3 64,7 77 FEATHER R SACRAMENTO 1,943,750 6,978,5 3.5 11.1 10.0 2,77 FEATHER R SACRAMENTO 3,943,750 6,978,5 3.5 11.1 10.0 2,6772 FEATHER R SACRAMENTO 1,943,750 6,978,5 3.5 11.2 10.0 2,6772 FEATHER R SACRAMENTO 3,995,214 49,825,5 12.4 3.3 56.6 4-12/73 FEATHER R SACRAMENTO 3,955,214 49,825,5 12.4 3.3 56.6 4-12/73 FEATHER R SACRAMENTO 3,955,214 49,825,5 12.4 3.3 56.6 4-12/73 FEATHER R SACRAMENTO 6,66,210 29,211.3 41.9 11.3 75.5 50 6,774 FEATHER R SACRAMENTO 1,774 FEATHER R SACRAMENTO 54,000 6,80,4 12.6 6,1 1774 FEATHER R SACRAMENTO 54,000 3,855,5 28.1 12.7 56.7 56.7 56.7 56.7 56.7 56.7 56.7 56			676.000	3.855.5	5.7		1169	FEATHER R		
2,456,500 17,47%,6 7,1 5,0-14,1 4-9770 FEATHER R SACRAMENTO 22,603,7 4,0-650 2,458,5 60,4 32,33,7 60,4 32,56,6 10-12,9 4-7771 FEATHER R SACRAMENTO 551,600 2,458,5 60,4 35,348,7 60,4 35,48,7 60,7 60,7 60,7 60,7 60,7 60,7 60,7 60		345.000		156.5	0.4			FEATHER R		
93,550 40,650 22,683.7 41,4 32,3-56.6 10-12/70 57,16EATHER R 57,10EATHER R			2-456-500	17.474.6	7.1			FEATHER R		
93,550 93,550 93,550 93,550 93,550 93,550 93,550 93,550 93,550 93,550 93,550 93,550 93,540 93,540 93,550 93			551.680	22.883.7	4.64		10-12/70	FEATHER R		
93.550 93.550 94.9 0.7 10.6-1.0 0.771 FEATHER R 95.24.0 19.34.0 90.22.0 19.34.7 10.1-1.0 19.34.0 90.22.0 15.55.0 10.4 10.1-1.0 19.34.0 90.22.0 15.55.0 10.4 10.1-1.0 10.10.1 10.10.1 10.			40.650	2.458.5	60.4		2/71	FEATHER R		
57,488 8,578,640 35,288.7 44,9 61,3 61,3 61,3 61,3 61,3 61,3 62,37 64,77 64,77 64,77 64,77 65,186 65,978.5 35,288.7 65,978.5 65,978.5 65,978.5 65,978.5 65,978.5 65,978.5 65,978.5 65,978.5 65,978.5 65,978.5 65,978.5 65,978.5 65,978.5 65,978.5 65,978.5 65,978.5 65,978.5 65,978.5 65,988.5 65,000 65		93.550			0.3		3/71	FEATHER R		
8.578.640 35.248.7 4.1 1.0-12.9 4-771 FEATHER R SACRAMENTO 550.855 33.015.3 51.3 50.3-64.7 10-12.71 FEATHER R SACRAMENTO 119.343 9.022.0 75.5 3.5 11.1-110.0 5-6.72 FEATHER R SACRAMENTO 11.91.453 37.055.8 31.7 19.7-91.7 7-12.72 FEATHER R SACRAMENTO 39.95.214 49.823.5 12.4 3.4-73 FEATHER R SACRAMENTO 120.000 3.955.214 49.823.5 12.4 3.4-73 FEATHER R SACRAMENTO 85.41.651 29.211.3 41.2 10.5-10.4 3-4.73 FEATHER R SACRAMENTO R 696.210 29.211.3 41.2 10.5-10.4 5-6.5 4-12.77 FEATHER R SACRAMENTO R 696.210 29.211.3 41.2 3.7-5.0 17.7-5 FEATHER R SACRAMENTO R 54.000 600.4 12.6 11.3-75.5 7-12.77 FEATHER R SACRAMENTO R 67.000 600.4 12.6 12.6 12.6 12.6 12.77 FEATHER R SACRAMENTO R 67.70 FEATHER R SACRAMENTO 820.500 600.4 15.6 6.1 3.5-9.0 6.77 FEATHER R SACRAMENTO R 67.70 19.627.2 59.3 10-11.75 FEATHER R SACRAMENTO R 67.7-7 FEATHER R SACRAMENTO 83.7-90.7 10-12.75 FEATHER R SACRAMENTO 80.7-10.10.10.7-10.10.10.10.10.10.10.10.10.10.10.10.10.1	٠. ـ	57.488		6.44	0.7		1771	FEATHER R		
550,855 33,815.3 50.3 64.7 10-12/71 FEATHER R 350,815.3 50.3 64.7 10-12/71 FEATHER R 119,340 9022.0 75.5 2.3/72 FEATHER R 2.4/750 6.976.5 3.5 10.1 10.0 5-6/72 FEATHER R SACRAMENTO 39,893 4.467.9 112.0 0.6 7 7-12/72 FEATHER R SACRAMENTO 1.666.0 0.8 0.5 1.0 3-6/73 FEATHER R SACRAMENTO 3.995,214 49,823.5 12.4 3.3 -56.6 4-12/73 FEATHER R SACRAMENTO 8.541.651 21.917.6 6.1 3.5 - 9.8 5-6/74 SACRAMENTO R 696,210 29,211.3 41.9 11.3 75.5 7-12/74 FEATHER R SACRAMENTO 8.54.000 680.4 12.6 11.7 FEATHER R SACRAMENTO 8.54.000 680.4 12.6 12/74 FEATHER R SACRAMENTO 8.55.1 0.4 12.6 12/74 FEATHER R SACRAMENTO 8.57.3 33,589.4 4.4 1.6 - 8.5 4-6/75 FEATHER R SACRAMENTO 8.37.57.5 33,589.4 4.4 1.5 5-8.5 5-6/75 FEATHER R SACRAMENTO 8.37.1750 19,627.4 5.9 3.2 4.5 3 10-11/75 FEATHER R SACRAMENTO 8.37.1750 19,627.4 5.9 3.2 4.5 3 10-11/75 FEATHER R SACRAMENTO 8.37.1750 19,627.4 5.9 3.2 4.5 3 10-11/75 FEATHER R SACRAMENTO 8.37.1750 19,627.4 5.9 3.2 6.3 5-9.5 5-6/75 FEATHER R SACRAMENTO 8.37.1750 19,627.4 5.9 3.2 9.3 7 10-11/75 FEATHER R SACRAMENTO 8.37.1750 19,627.4 5.9 3.2 9.3 7 10-11/75 FEATHER R SACRAMENTO 8.37.1750 19,627.4 5.9 3.2 9.3 7 10-11/75 FEATHER R SACRAMENTO 8.37.1750 19,627.4 5.9 3.2 9.3 7 10-11/75 FEATHER R SACRAMENTO 8.37.1750 19,627.4 5.9 3.2 9.3 7 10-11/75 FEATHER R SACRAMENTO 8.37.1750 19,627.4 5.3 9.0 7 10-12/75 FEATHER R SACRAMENTO 8.37.1750 19,627.4 5.3 9.0 7 10-12/75 FEATHER R SACRAMENTO 8.327.1750 19,627.4 5.3 9.0 7 10-12/75 FEATHER R SACRAMENTO 8.327.1750 19,627.4 5.3 9.0 7 10-12/75 FEATHER R SACRAMENTO 8.327.1750 19.5 5.0 3.2 9.3 9.0 7 10-12/75 FEATHER R SACRAMENTO 8.327.1750 19.5 5.0 3.2 9.3 9.0 7 10-12/75 FEATHER R SACRAMENTO 8.327.1750 19.5 5.0 3.2 9.3 9.0 7 10-12/75 FEATHER R SACRAMENTO 8.327.1750 19.5 5.0 3.2 9.3 9.0 7 10-12/75 FEATHER R SACRAMENTO 8.327.1750 19.5 5.0 3.2 9.3 9.0 7 10-12/75 FEATHER R SACRAMENTO 8.327.1750 19.5 5.0 3.2 9.3 9.0 7 10-12/75 FEATHER R SACRAMENTO 8.327.1750 19.5 5.0 3.2 9.0 7 10-12/75 FEATHER R SACRAMENTO 8.327.1750 19.2 9.3 9.0 7 10-12/75 FEATHER R SACRAMENTO 8.327.1750 19.5 5.0 9.3			8.578.640	35.248.7	4			FEATHER R		
859,000 1,943,750 6,978,5 3,5 1,1 10,0 5 - 6/72 FEATHER R SACRAMENTO 1,943,750 6,978,5 3,5 1,2 1,0 1,0 7 7-12/72 FEATHER R SACRAMENTO 39,890 4,467,9 112,0 0.8 1,2 1,0 1,453 1,1 2,1 3,3 - 56,6 4-12/73 FEATHER R SACRAMENTO 3,995,214 49,823,5 12,4 0.3 3,5 - 6,6 4-12/73 FEATHER R SACRAMENTO R 696,210 29,211,3 4,1 9 11,3 - 75,5 7-12/73 FEATHER R SACRAMENTO R 696,210 29,211,3 4,1 9 11,3 - 75,5 7-12/74 FEATHER R SACRAMENTO R 1,0 11,7 4 FEATHER R SACRAMENTO R 625,0 0 6 60,4 12,6 11,7 4 FEATHER R SACRAMENTO R 625,0 0 6 62,7 5 66,1 11,7 4 FEATHER R SACRAMENTO R 625,0 0 6 62,1 10,5 11,7 5 FEATHER R SACRAMENTO R 625,1 0 4,4 10,5 11,7 5 FEATHER R SACRAMENTO R 625,1 0 4,4 10,5 11,7 5 FEATHER R SACRAMENTO R 625,1 0 4,4 10,5 11,7 5 FEATHER R SACRAMENTO R 625,1 0 4,4 10,5 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,6 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,6 11,7 5 FEATHER R SACRAMENTO R 625,1 0 4,4 10,5 3,4 5,3 10-11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,6 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,6 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,6 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,6 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,6 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,6 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,6 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,6 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,5 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,5 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,5 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,5 10,4 12,5 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,5 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,5 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,5 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,5 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,5 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,5 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,5 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,5 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,5 11,7 5 FEATHER R SACRAMENTO R 625,1 10,4 12,5 11,7 5 FEATHER R 625,1 11,7 5 FEATHER R			550.855	33,815,3	61.3		10-12/71	FEATHER R		
859,000 1,943,750 6,978.5 3.5 1.1 - 10.0 5-6/72 FEATHER R SACRAMENTO 1.943,750 6,978.5 3.5 1.1 - 10.0 5-6/72 FEATHER R SACRAMENTO 3.995,214 49,823.5 12.4 3.3 - 56.6 4-12/73 FEATHER R SACRAMENTO 3.541,651 21,917.6 6.1 3.5 - 9.8 5-6/74 FEATHER R SACRAMENTO R 54,000 3.541,651 21,917.6 6.1 3.5 - 9.8 5-6/74 FEATHER R SACRAMENTO R 54,000 3.855.5 28.1 1/74 FEATHER R SACRAMENTO R 680.4 12.6 11/74 FEATHER R SACRAMENTO R 680.4 12.6 11/74 FEATHER R SACRAMENTO R 680.4 12.6 11/74 FEATHER R SACRAMENTO R 685.1 0.4 12.6 11/74 FEATHER R SACRAMENTO R 685.1 0.4 12.6 11/74 FEATHER R SACRAMENTO R 11/74 FEATHER R SACRAMENTO R 11/75 FEATHER			119.340	9.022.0	75.5		2112			
1,943,750 6,978.5 3.5 1.1 10.0 5-6/72 FEATHER R SACRAMENTO 39,890 4,467.9 112.0 1.66.0 1.6 1.4 3-4/73 FEATHER R SACRAMENTO 1,666.0 1.66.0 1.6 1.4 3-4/73 FEATHER R SACRAMENTO 1,666.0 1.6 1.2 1.4 3-4/73 FEATHER R SACRAMENTO 1.2 1,917.6 6.1 3.5 5.6 4-12/74 FEATHER R SACRAMENTO 1.2 1,917.6 6.1 3.5 5.6 4-12/74 FEATHER R SACRAMENTO 1.2 1,917.6 6.1 1.3 5.5 5.6 4-12/74 FEATHER R SACRAMENTO 1.3 54,000 680.4 12.6 11.3 5.7 5.5 7-12/74 FEATHER R SACRAMENTO 1.3 69.0 1.3 69.0 1.0 1.7 6 1.2 1.7 6		A59-000		355.2	0.4		2- 3/72			
2,067,780 39,890 4,467.9 112.0 10.66.0 10.65.0			1.943.750	6.978.5	3.5		5- 6/72			
2,067,780 3,995,214 49,023.5 12.4 3,3-56.6 4-12/73 FEATHER R SACRAMENTO 3,541,651 21,917.6 6.1 3,5-9.8 5-6/74 SACRAMENTO R 54,000 680.4 12.6 13.5-9.8 5-6/74 SACRAMENTO R 54,000 680.4 12.6 13.7-9.8 5-6/74 SACRAMENTO R 54,000 680.4 12.6 11/74 FEATHER R SACRAMENTO R 11/74 FEATHER R SACRAMENTO R 11/74 FEATHER R SACRAMENTO R 137,000 680.4 12.6 11/74 FEATHER R SACRAMENTO 11/74 FEATHER R SACRAMENTO 825.1 10.611,760 7,632,259 33,589.4 4.6 1.6-6 1.77 FEATHER R SACRAMENTO 825.1 1.6-11/75 FEATHER R SACRAMENTO 837,271 5-90.7 10-11/75 FEATHER R SACRAMENTO 837,276.9 5-90.7 10-12/76 FEATHER R SACRAMENTO 802.1 10.611,760 10.627.4 5-90.7 10-12/76 FEATHER R SACRAMENTO 802.1 10.611,760 10.627.4 5-90.7 10-12/76 FEATHER R SACRAMENTO 803,110 41,276.9 5-90.7 10-12/77 FEATHER R SACRAMENTO 803,110 41,276.9 5-90.7 10-12/77 FEATHER R SACRAMENTO 803,110 41,276.9 5-90.7 10-12/77 FEATHER R SACRAMENTO 803,110 41,276.9 5-90.7 11/74 FEATHER R SACRAMENTO 803,110 41,276.9 5-90.7 11/74 FEATHER R SACRAMENTO 803,110 803,			1.191.453	37,856.8	31.7		7-12/72			
2,067,780 3,995,214 49,823.5 12.4 3.3-56.6 4-12/73 FEATHER R 120,000 3,541,651 21,917.6 6.1 3.5-9.8 5-6/74 SACRAMENTO R 696,210 29,211.3 41.9 11.3-75.5 7-12/74 FEATHER R 54,000 687,3 4.2 3.7-5.0 1/74 FEATHER R 137,000 3,855.5 28.1 1/74 FEATHER R 625,1 0.4 1.5-8 8.5 4-6/75 FEATHER R 837,595 33,599.4 4.4 1.6-8.5 4-6/75 FEATHER R 837,595 33,157.6 595 33.2 45.3 10-11/75 FEATHER R 837,595 33,157.6 595 33.9 90.7 10-12/76 FEATHER R 837,995,110 41.276.9 51.0 32.3-90.7 10-12/76 FEATHER R 887,995,110 41.276.9 51.0 32.3-90.7 10-12/76 FEATHER R			39.89	4.467.9	112.0		2/73			
3,995,214 49,823.5 12.4 3.3-56.6 4-12/73 FEATHER R SACRAMENTO 3,541,651 21,917.6 6.1 3.5- 9.8 5-6/74 SACRAMENTO R 696,210 29,211.3 41.9 11.3-75.5 7-12/74 FEATHER R 54,000 857.3 4.2 3.7- 5.0 8/74 SACRAMENTO R 11/74 FEATHER R 822,259 33,589.4 4.4 1.5- 8.5 4-6/75 FEATHER R 837,595 33,589.4 4.4 1.5- 8.5 4-6/75 FEATHER R 837,595 33,589.4 5.9 3.2- 8.5 5-6/76 FEATHER R 837,595 33,589.4 5.9 3.2- 8.2 5-6/76 FEATHER R 839,110 41,276.9 51.0 32,3-90.7 10-12/76 FEATHER R 889,110 41,276.9 51.0 32,3-90.7 10-12/76 FEATHER R		2.567.780			0.8					
120,000 3,541,651 21,917.6 6.1 3.5- 9.8 5-6/74 SACRAMENTO R 696,210 29,211.3 41.9 11.3-75.5 7-12/74 FEATHER R 54,000 687.3 4.2 3.7- 5.0 6/74 SACRAMENTO R 137,000 3,855.5 28.1 1/74 FEATHER R 12/74 FEATHER R 12/75 19,622.259 33,157.6 5.9 33.2- 8.2 5-6/76 FEATHER R 19,276.9 51.0 32.3- 90.7 10-12/76 FEATHER R			3.995.214		12.4	เก	4-12/73			
3,541,651 21,917.6 6.1 3.5- 9.8 5-6/74 SACRAMENTO R 696,210 29,211.3 41.9 11.3-75.5 7-12/74 FEATHER R 54,008 680.4 12.6 17.7- 5.0 8/74 SACRAMENTO R 137,000 3,855.5 28.1 17.7- FEATHER R 12/74 FEATHER R 12/75 7.632,259 33,157.6 39.5 28.3 45.3 10-11/75 FEATHER R 837,595 33,157.6 5.9 3.2- 8.2 5-6/76 FEATHER R 809,110 41,276.9 51.0 32.3- 90.7 10-12/76 FEATHER R		120.000			0.3		1/14	FEATHER R		
696,210 29,211.3 41.9 11.3-75.5 7-12/74 FEATHER R 202,500 857.3 4.2 3.7-5.0 8/74 SACRANENTO R 54,000 680.4 12.6 17.7+ FEATHER R 137,000 3,855.5 28.1 2.7+ FEATHER R 12/74 FEATHER R 2/75 FEATHER R 2/75 FEATHER R 837,595 33,157.6 39.5 28.3-45.3 10-11/75 FEATHER R 837,595 33,157.6 5.9 3.2-8.2 5-6/76 FEATHER R 809,110 41.276.9 51.0 32.3-90.7 10-12/76 FEATHER R			3.541.651		6.1		41/9			
1,611,760 857.3 4.2 3.7 5.0 6/74 SACRAMENTO R 1/74 FEATHER R 12.6 1.74 FEATHER R 12/74 FEATHER R 12/74 FEATHER R 2/75 FEATHER R 2/75 FEATHER R 2/75 FEATHER R 2/75 FEATHER R 3.271,750 19.6274 5.9 3.2 8.2 5-6/75 FEATHER R 809.110 41.276.9 51.0 32.3 90.7 10-12/76 FEATHER R			696,210		41.9	-	2/74			
137,000 680.4 12.6 12.74 FEATHER R 12.77 FEATHER R 12.77 FEATHER R 2.77 FEATHER R 3.37,595 33,157.6 39.5 28.3 45.3 10-11.75 FEATHER R 3.271,750 19.627.4 5.9 3.2 8.2 5-6.76 FEATHER R 889.110 41.276.9 51.0 32.3 90.7 10-12.76 FEATHER R			202,500		4.2					
137,000 3,855.5 28.1 2.4 1.5 8.5 4-6/75 FEATHER R 2/75 FEATHER R 2/75 FEATHER R 2/75 FEATHER R 2/75 FEATHER R 837,595 33,157.6 39.5 28.3-45.3 10-11/75 FEATHER R 3,271,750 19,627.4 5.9 3.2-8.2 5-6/76 FEATHER R 809,110 41,276.9 51.0 32.3-90.7 10-12/76 FEATHER R			54.000	680.4	12.6			FEATHER R		
1,811,760 7,632,259 33,589.4 4.4 1.6- 8.5 4-6/75 FEATHER R 837,595 33,157.6 39.5 28.3-45.3 10-11/75 FEATHER R 3,271,750 19,627.4 5.9 3.2- 8.2 5-6/76 FEATHER R 809,110 41,276.9 51.0 32.3-90.7 10-12/76 FEATHER R			137,000		28.1			FEATHER R		
7,632,259 33,589.4 4.4 1.65 8.5 4-6/75 FEATHER R 837,595 33,157.6 39.5 28.3-45.3 10-11/75 FEATHER R 3,271,750 19,627.4 5.9 3.2-8.2 5-6/76 FEATHER R 809,110 41,276.9 51.0 32.3-90.7 10-12/76 FEATHER R		1.811.760			9.0		2/15		SACRAMENTO R	
3,271,750 19,627.4 5.9 3.2- 8.2 5-6/76 FEATHER R 889,110 41,276.9 51.0 32.3- 90.7 10-12/76 FEATHER R			7.632.259	33.589.4	4.4		4- 6/15		SACRAMENTO R	
3,271,750 19,627.4 5.9 3.2-8.2 5-6/76 FEATHER R 809,110 41,276.9 51.0 32.3-90.7 10-12/76 FEATHER R	. د		837,595	33, 157.6	39.5		10-11/75		SACRAMENTO R	
889,110 41,276,9 51.0 32.3- 90.7 10-12/76 FEATHER R			3.271.750	19,627.4	5.9		5- 6/76		SACRAMENTO R	
֡֡֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜			809.110	41.276.9	51.0		10-12/76		SACRAMENTO R	

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

BROOD	NUMBER OF SUB-	NUMBER	TOTAL	AVE.	GRANGE	DATE	RELEASE	RELEASE	RELEASE
	MIGRANTS	HIGRANTS	(KGS)	FISH	FISH				
1958-66		•	1						
1961		71,100	4,082,3	57.4		12/68	FEATHER R		
1968		25,000	1,134,0	45.3		10/69	FEATHER R		
6961	106,000		771.1	7.2	5.4- 7.5	5/70	FEATHER R		
6961		71,900	3,447.3	47.9	45.3- 50.3	11/70	FEATHER R		
0.261	25,712		20.0	1.0	0.6- 1.0	17/1	FEATHER R		
0 26 1		233,000	14,991.2	64.3	56.6- 64.7	11-12/71	FEATHER R		
1261	32,000	•	18.1	0.5		3/72	FEATHER R		
1261		101.000	5,942,1	58.8	45.3- 75.5	11-12/72	FEATHER R		
1 261		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	40.5	22.5- 55.6	9-12/73	FEATHER R		
1973	61.680		362.9	5.8		5/74	SACRAMENTO R		
1973		175,100	6.781.2	38.7	38.2- 45.3	10-12/74	FEATHER R	SACRAMENTO R	
4 261		118.880	8,164.7	68.7		1/76	FEATHER 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	

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

88000	NUMBER	NUMBER	TOTAL	AVE.	RANGE	DATE	RELEASE	RELEASE	RELEASE
YEAR	OF SUB-	OF	MEIGHT	GR AM/	GRAM	RELEASES	LOCATION	LOCALION	LOCALION
	MIGRANTS	HIGRANTS	(KGS)	FISH	FISH				
99-6561	•	•							
1967-69	0	0	0						
H 0261	147,800		3,209.2	21.7	16.7- 22.6	3/71	FEATHER R		
H 0261		255,700	12,117.7	47.3		3/71	FEATHER R		
H 1261	776,500		3,674.1	4.7		8- 9/71	FEATHER R		
H 1261	117,500		4,127.7	35.1		3/72	FEATHER R		
H 1261		163,750	10,364.6	63.2		4/72	FEATHER R		
1972 W	595.700		1,648.8	2.7		7/72	FEATHER R		
H 2161	74.945		993.4	13.2		10/72	FEATHER R		
1972 W		170,140	14,310.8	84.1	75.5- 90.7	1- 3/73	FEATHER R		
1973 H		210,900	16,428.0	77.8		2- 4/74	FEATHER R		
N 4761	156,000		54403	3.4		5174	FEATHER R		
1 97 to 1		48,000	1,350.8	28.3		12/74	FEATHER R		
H # 161		143,970	11,317.1	78.6		3/15	FEATHER R	SACRAMENTO R	
1975 W	741.600		1.491.6	1.8		7175	FEATHER R		
1975 H		241,375	17,077.8	70.7		2- 3/76	FEATHER R	SACRAMENTO R	
H 5161	419,760		1,251.9	2.9		1176	SACRAMENTO R		

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

	RELEASE																		
	RELEASE																		
	RELEASE	200		KLAMATH R	KLAMATH R	KLAMATH R	KLAMATH R	KLAMATH R	KLAMATH R	KLAMATH R	KLAMATH R	KLAMATH R	KLAMATH R						
•	DATE	KELEASES		2- 2/66	3- 3/66	4/67	4- 5/68	5/69	5/70	12/9	6/72	6/73	11/73	41/9	4/15	5- 6/75	12/75	5- 6/76	10/76
	SE	È x												9.4				5.0	
יארומאי	40	FISH												5.8-				3.7-	
TALL GRANOUN SALHON.	AVE.	FISH		0.5	0.7	4.0	1.0	2.8	3.8	4.2	3.9	6.4	56.6	5.3	6.0	5.1	71.5	4.6	46.7
	TOTAL	(KGS)	•	24.5	207.07	1,658.8	3,734.8	13,267.6	4,721.9	50,619.5	53,523.9	24.494.8	6,236,9	33,153,1	966.2	31,329.6	14,308.5	31,647.1	6,985,3
KELEASE UF	NUMBER	MIGRANTS						4,680,000	1,238,500	11,943,140	13,650,000	4,900,000	110,000	6,150,000		6,025,000	208,800	6,800,000	149,380
	NUMBER	MIGRANTS		44,928	293,120	3,461,970	3,700,000								1,065,800				
	98000	T A A	958-64	965	965	996	196	968	696	0.26	1 26 1	972	972	973	426	4 16	4 26	975	375

TABLE 363.--CALIFORNIA IRON GATE HATCHERY - CALIFORNIA DEPARTMENT OF FISH AND GAME RELEASE OF- SPRING CHINOOK SALHON.

RELEASE					
RELEASE					
RELEASE	MATH R	KLAMATH R	KLAMATH R	KLAHATH R KLAHATH R KLAHATH R	KLAMATH R KLAMATH R KLAMATH R
DATE	11/68	69/11	12/70	3/72	11/73 2/74 8/74 12/76
RANGE GRAM! FISH					
AVE. GRAM/ FISH	200	32.6	38.2	30.00	9.0 9.0
TOTAL WEIGHT (KGS)	1 0 4	725.7	2,358.7	700.8	1,020.6 832.8 163.3 2,062.5
NUMBER OF MIGRANTS	1000	22,248	30,200	6.0 4.0 7.0 4.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5	600000000000000000000000000000000000000
NUMBER OF SUB- MIGRANTS	10				000
BROOD	1958-64	896	6961	1970	1972 1972 1973 1974

TABLE 364.--CALIFORNIA IRON GATE HATCHERY - CALIFORNIA DEPARTMENT OF FISH AND GAME RELEASE OF- COHO SALMON.

RANGE
•
45.3- 56.6

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

RELEASE

RELEASE			
RELEASE	KLAMATH R KLAMATH R KLAMATH R KLAMATH R	KLAMATH R KLAMATH R KLAMATH R KLAMATH R KLAMATH R KLAMATH R KLAMATH R KLAMATH R KLAMATH R KLAMATH R	KLAMATH R KLAMATH R KLAMATH R KLAMATH R KLAMATH R KLAMATH R KLAMATH R
DATE RELEASES			5772 9772 9772 5773 5774 5775 5775 5775
RANGE GRAM/ FISH		30.2-37.7 16.1-20.6 32.3-50.3 37.7-50.3	30.2- 45.3 1.5- 9.8
AVE. GRAM/ FISH	446.7 766.0 56.0 60.0	6 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4-0-Kuadeum
TOTAL MEIGHT (KGS)	00000000000000000000000000000000000000	2, 738 + 1, 859 2 - 1, 859 2 - 2, 7, 7 1 5 5 2 3 4 1 5 5 5 1 5 5 5 1 5 5 5 1 5 5 5 1 5 5 5 1 5 5 5 1 6 5 1 6 5 1	19,540.8 465.8 390.1 7,387.2 7,936.5 1,170.3 6,874.5 45.4 45.4
NUMBER OF MIGRANTS	23.020 27.020 27.020 25.668	######################################	439,800 528,400 200,800 199,800 451,423
NUMBER OF SUB- MIGRANTS	10	32,668	150,000 43,000 21,504 318,500 100,000
9E AR	965 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	200 200 200 200 200 200 200 200 200 200	972 × × × × × × × × × × × × × × × × × × ×

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

TABLE 367.--CALIFORNIA HAD RIVER MATCHERY - CALIFORNIA DEPARTMENT OF FISH AND GAME RELEASE OF- COHD SALMON.

9ROOD NUMBER NUMBER TOTAL AVE. RANCE DATE RELEASE LOCATION RELEASE RELEASE										
152,824	EAR	NUMBER OF SUB- HIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE	RELEASE LOCATION	RELEASE LOGATION	RELEASE LOCATION
152,824	58-58	•	•	•						
52,824	69		99,550	4,037,0	40.5	34.8- 75.5		MAD R		
28,275 1,973.1 69.7 11.71 MAD R 248,492 11,178.3 46.4 32.3-91.7 1-4.72 MAD R 376,630 55,192 11,442.4 25.6 22.6-56.6 11.72 MAD R 199,600 4,842.1 24.2 22.6-25.1 2.73 MAD R 9,948 151.0 16.1 24.2 22.5-25.1 2.77 SACRAMENTO R 287,314 10,181.5 48.7 3.75 MAD R	17.0	152,824		2,043.8	13.3	4.5- 18.1		MAD R		
376,630 248,492 11,178,3 46,4 32,3-98,7 1-4/72 MAD R 3,823,8 10,1 3,7-20,6 5-9/72 N GAL GSTL TRB 55,192 1,442,4 25,6 22,5-56,6 11/72 MAD R 199,600 4,842,1 24,2 22,5-25,1 2/73 MAD R 9,946 151,0 16,1 24,2 22,5-25,1 2/73 MAD R 498,647 21,657,2 44,1 2,375 MAD R 287,314 10,181,5 48,7 3/76 MAD R	17.0		28,275	1,973,1	69.7			MAD R		
376,630 55,192 1,442,4 25,6 22,6-56,6 11,72 MAD R 199,640 4,842,1 24,2 22,6-25,1 2,73 MAD R 9,946 151,0 16,1 2,73 MAD R 7,74 SACRAMENTO R 498,647 21,657,2 44,01 2-3,75 MAD R 287,314 10,181.5 48,7 3,76 MAD R	0.26		248,492	11,178,3	4.6.4	32.3- 90.7		HAD R		
56,192 1,442.4 25.6 22.6-56.6 11/72 NAD R 199,600 4,842.1 24.2 22.6-25.1 2/73 NAD R 9,948 161.0 16.1 27.74 SACRAMENTO R 498,647 21,667.2 44.1 2-3/75 NAD R 287,314 10,181.5 48.7 3/76 NAD R	171	376.630		3.823.8	10.1	3.7- 20.6		N CAL CSTL TRB		
199,600 4,842.1 24.2 22.5- 25.1 2/73 MAD R 9,948 151.0 16.1 7/74 SACRAMENTO R 498,647 21,657.2 44.1 2-3/75 MAD R 287,314 10,181.5 48.7 3/76 MAD R	121		56,192	1044204	25.6	22.5- 56.6		HAD R		
9,948 161.8 16.1 2-3774 SACRAMENTO R 498,647 21,667.2 44.1 2-3775 MAD R 287,314 10,181.5 48.7 3776 MAD R	125		199.600	4.842.1	24.2	22.6- 25.1		MAD R		
498,647 21,667.2 44.1 2-3/75 MAD R 287,314 10,181.5 48.7 3/76 MAD R	27.2		9.948	161.0	1601			SACRAMENTO R		
287,314 10,181.5 48.7 3/76	973		498,647	21,667.2	460			MAD R	_	
	4 26		287,314	10,181.5	48.7			MAD R		

TABLE 368.--CALIFORNIA HAD RIVER HATCHERY - CALIFORNIA DEPARTMENT OF FISH AND GAME RELEASE OF- STEELHEAD TROUT.

NUMBER TOTAL AVE. RANGE DATE OF WEIGHT GRAM/ GRAM/ RELEASES MIGRANTS (KGS) FISH FISH C643,435 30,846.5 47.9 19.7-113.3 4-7/72 77,430 5,307.0 68.5 64.7-90.7 3-4/72 20,116 1,104.5 54.9 37.7-75.5 5/73 53,200 1,474.2 27.7 3.7-75.5 5/73 171,352 7,582.7 44.2 27.7 37.4 110,106 6,025.1 54.7 46.5 110,106 6,025.1 54.7 24,576 4.530 4.73 4.75 110,106 6,025.1 54.7 26.5 65.0 4-5/76 26.5 65.0 5/76 27.6 5/76 27.6 5/76 27.7 5/		
(KGS) FISH FISH 30,846.5 47.9 19.7-113.3 5,307.0 68.5 64.7-90.7 29,190.5 54.9 37.7-75.5 1,104.5 54.9 37.7-75.5 3,732.6 7.5 3,732.6 7.5 3,732.6 7.5 15,717.4 48.4 7,529.9 47.3 3,280.4 46.5 6,025.1 54.7 16,038.5 65.0 4,934.6 57.6	RELEASE RELEASE LOCATION	RELEASE N LOCATION
30,846.5 47.9 19.7-113.3 55.317.0 68.5 64.7- 90.7 29.190.5 41.8 25.1- 90.7 1.47.2 27.7 3.73.2 27.7 7.5.5 3.73.0 69.9 37.7- 75.5 1.5.717.0 48.4 7.5.5 1.5.717.0 48.4 7.5.5 1.5.717.0 48.4 7.3 3.280.4 47.3 54.7 15.85.0 65.0 4.934.6 55.0 56.5		
30.846.5 47.9 19.7-113.3 5.307.8 68.5 64.7-90.7 29.198.5 41.8 25.1-90.7 1.104.5 54.9 37.7-75.5 3.732.6 7.5 9.643.8 21.3 7.552.7 44.2 15.717.4 48.4 7.629.9 47.3 3.288.4 46.5 6.025.1 54.7 6.025.1 54.7 3.089.9 66.5		
30,846.5 47.9 19.7-113.3 5.307.8 68.5 64.7-113.3 5.307.8 68.5 64.7-90.7 29.190.5 41.8 25.1-90.7 1.104.5 54.9 37.7-75.5 5.307.8 6.30 21.3 3.7.7-75.5 44.2 27.7 7.55.5 1.5.7 7.55.5		
5,317.8 68.5 64.7 90.7 29,190.5 41.8 25.1 90.7 1,104.5 54.9 37.7 75.5 3,732.6 7.5 9,643.8 21.3 7,52.7 44.2 15,717.4 48.4 7,629.9 47.3 3,280.4 46.5 6,025.1 54.7 16,058.5 65.0 4,934.6 55.6		
29,190.5 41.8 25.1-90.7 1.104.5 54.9 37.7-75.5 1.414.2 27.7 7.55.5 1.57.7-75.5 1.57.7-75.5 1.57.7-75.5 1.57.7-75.5 1.57.7-75.5 1.57.7-75.5 1.57.7-75.5 1.57.7-75.5 1.57.7-75.5 1.57.7-75.5 1.57	MAD R	
1,104.5 54.9 37.7-75.5 1,474.2 27.7 3.7.7-75.5 3,732.6 7.5 3,732.6 7.5 7,582.7 44.2 7,629.9 47.3 3,280.4 46.5 6,025.1 54.7 16,058.5 65.0 4,934.6 57.6		
1,47%.2 3,732.6 3,732.6 7,553.8 7,552.7 15,717.4 4,02.9 1,258.5 6,025.1 16,058.5 65.0 4,934.5 56.5		
3,732.6 9,643.8 7,582.7 15,717.4 7,629.9 7,629.9 47.3 3,288.4 6,025.1 16,058.5 65.0 4,934.6 56.5	MAD R	
9.643.8 21.3 7.582.7 44.2 15.717.4 48.4 7.629.9 47.3 3.280.4 46.5 6.025.1 54.7 16.058.5 65.0 4.934.6 57.6		
7,552.7 44.2 15,717.4 48.4 7,629.9 47.3 3,280.4 46.5 6,025.1 54.7 16,058.5 65.0 4,934.6 57.6	FRESHWATER CR	TRIB STONE LAGOON
15,717.6 48.4 7,629.9 47.3 3,288.4 46.5 6,025.1 54.7 16,058.5 65.0 4,934.6 57.6	NCAL CSTL TRIB	
7,629.9 47.3 3,280.4 46.5 6,025.1 54.7 16,058.5 65.0 4,934.6 57.6 3,089.9 66.5	EEL R	
3,280.4 46.5 6,025.1 54.7 16,058.5 65.0 4,934.6 57.6		TRINITY
6,025.1 54.7 16,058.5 65.0 4,934.6 57.6 3.089.9 66.5	RUSSIAN R	
16,058.5 65.0 4,934.6 57.6 3,089.9 66.5		
4,934,6 57.6 3,089,9 66,5		
3-089-9 66-5	RUSSIAN R	
	SHITH R STONE LAGOON	NOO
5,727.1 73.6		

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

RELEASE	
RELEASE LOCATION	
RELEASE LOCATION	MERCED R
DATE Releases	10/74
RANGE GRAH/ FISH	
AVE. GRAH! FISH	44.7
TOTAL WEIGHT (KGS)	5,289,5
NUNBER OF HIGRANTS	# 6 · 6 · 6 · 6 · 6 · 6 · 6 · 6 · 6 · 6
NUMBER OF SUB- MIGRANTS	a 0
BROOD	1960-72

TABLE 370.--CALIFORNIA Merced Rearing Facility - California department of fish and game Release of - COHO Salmon.

		KELEASE OF		CONO SACRON.					
BR000 YEAR	NUMBER OF SUB- MIGRANTS	NUMBER OF HIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAH/ FISH	DATE Releases	RELEASE LOCATION	RELEASE	RELEASE
1960-72	•	80.000	3,628.7	45.3 56.6		1- 2/75	S CAL CSTL	TRB	

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

RELEASE																														
ASE																								20000	BRANNON ISLAND				N ISLAND	
RELEASE																												BKANNON	BKANNUN	
RELEASE			HOKELUMNE R	MOKELUMNE R	MOKELUMNE R	MOKELUMNE R	HOKELUMNE R	MOKELUMNE R	HOKELUNNE R	MOKELUMNE R	HOKELUMNE R	MOKELUMNE R	MOKELUMNE R	MOKELUMNE R	MOKELUMNE R	MOKELUNNE R	MOKELUMNE R	BRANMON ISLAND	MOKELUMNE R	MOKELUMNE R	MOKELUMNE K									
DATE			49/4	49/4	1- 4/65	4-11/66	2- 3/67		2- 3/68		5- 6/68	69/1	69/9 -4	1- 3/70	4- 7/70	1- 4/71	5/71	12/9	1- 5/72	6/72	1-6/73	3- 7/74	8-10/74	8/15	10-11/75	2/16	3/16	3- 6/76	10-11/76	
RANGE	SH					2.8- 37.7		1401			4.8		1.6		6.2							8.2						3.7		
8 0	FI					2.8-		1.6-			3.5-		5.4-		2.0-							1.7.	-4·6					2.8-		
AVE.	FISH		0.5	0.3	4.0	80 8	0.3	3.2	E . C		4.5	9.0	5.2	E . 3	4.6	7.0		8.1	6.0	5.4	7.1	3.8	25.3	0.6	36.3	2.06	6.0	3,3	45.1	
TOTAL	(KGS)	•	2.3	24.5	4.9	50003	15.4	235.9	31.3	38.1	286.2	E . 57	229.1	139.7	532.1	187.8	33.6	113.4	671.3	38.6	340.6	342.0	1,942,3	238.1	1,102.7	2,272,5	5.9	206.8	1,773.5	
NUMBER	MIGRANTS					56.700		72,550			63,120		36,648		114,033			60,960		7,055	47,313	88.086	76,766	26,250	30,342	25,050		62,040	39,320	
NUMBER OF SUB-	MIGRANTS		4.000	73.442	14.870		42,385	-	84.922	33,408		1.200		382,972		413,332	29.816		744.440								6,030			
BROOD		1959-62	1963	1961	900	1965	1966	996	1961	1961	1961	92.8	196.8	696	6961	0 26 1	1970	1970	1451	1 47 1	1972	1973	1973	1 426	1 97 4	1976	1975	1975	1975	

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

GRAM/ FISH	
	WEIGHT GRAN/ (KGS) FISH
	6.8 8.1
-+	256.7 4.0
.4 28.3- 32.3 I-	272.8 31.4
	3.6 0.2
1-7 4-71 -5-1	
.2	•
1-1 1.1- 3.9 7-1	294.8 3.1
-3 2-	698.8 45.3
50.3- 7	036.2 69.7
9.6 -6°0	955.7 7.5
.1 55.5- 64.7	084.0 60.1
14.5-	041.0 20.9
.6 50.3- 90.7 1-	
	850.5 56.7
54°7- 90°7	
.9 17.4- 30.2 10-11/7	
75.5-113.3	-
4.0	
.0 64.7-226.7 I-	
.7	
2.	~
.3	91
6.	
	1224.7 36.5
	358.1 116.5
-3	621.6 232.3
6.0	
.3	165.6 11.3
·.	
	055.7 232.3
-2	90.4 420.0

TABLE 373.--CALIFORNIA - CALIFORNIA DEPARTMENT OF FISH AND GAME RELEASE OF- FALL CHINOOK SALMON.

LOCATION			
LOCATION	AMERICAN RAMERICAN RAMERIC	AMERICAN RAMERICAN RAMERIC	MERICAN R MERICAN R ACRAMENTO ACRAMENTO ACRAMENTO MERICAN R MERICAN R
RELEASES	666 666 666 666 1066	2-12/67 8-12/68 3-5/69 4-6/69 5-17/10 5-17/	1-5/76 4-6/75 5/75 10/75
FISH	2	2	3.3- 5.0
GRAM/ FISH	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		00-+ 00 00 00 00 00 00 00 00 00 00 00 00 00
MEIGHT (KGS)	2,576.1 7,6156.2 7,6156.2 7,6156.2 7,616.3	59-178-1 19-20-18-3 19-20-18-3 19-20-18-3 19-20-18-3 19-30-3 10-30-3	
NUMBER OF MIGRANTS	302,001 1,159,708 4,8,852 3,165,609 2,843,677 213,648 42,450 671,450	276,480 307,440 1,580,559 861,415 2,075,827 1,355,093 10,830 1,734,664 1,255,205 2,565,885 2,438,440	04 64 64 64 64 64 64 64 64 64 64 64 64 64
NUMBER OF SUB- MIGRANTS	21,315,294 13,859,889 15,730,884 11,146,245 3,593,130 15,363,588 23,798,155 18,519,225	5,250,325 1,140,995 695,070 8,591,600 936,040 727,705	232,555
9R000 YEAR	959 959 959 959 959 959 959 959 959	9667 967 968 969 1969 1969 1970 1970 1971 1971 1972 1972 1973	973

4- 5/76 DATE RANGE GRAM/ FISH AVE. GRAM/ FISH TOTAL WEIGHT (KGS) NUMBER OF MIGRANTS TABLE 373. -- CONTINUED. NUMBER OF SUB-MIGRANTS BROOD

RELEASE LOCATION

RELEASE LOCATION

RELEASE LOCATION

AMERICAN R SACRAMENTO R SACRAMENTO R

6.1

5.0

17,724.1

3,500,600

1975

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

8R000	NUMBER	NUMBER	TO INC.	200	***************************************	02011	MOTTAGE	LOCATION	LOCATION
œ	OF SUB-	OFMIGRANTS	(KGS)	FISH	FISH	KELEASES			
×		176,640	2,709.3	15.3	3.3-18.8	1/60	AMERICAN R		
M 096	4639438	202 300	1 9 2 5 C 9 C	34.0		1- 2/61			
196	14.472	2664902	3.5	000	5		AMERICAN R		
. 3	3 14 44 1	124.278	7.035.2	56.6	41.2- 64.7	12/61			
2 6 9 6	5,372			0.3		6/62			
	55.800		1,603.8	24.3	10.7- 28.3	1/63	02		
M 296		39,419	2,958.8	75.8			-		
	1.015.972		2,786.9	2.7		3-12/63		SACRAMENTOR	
963 H		26,571	1947402	55°4					
	14.043		889.6	13.5		2- 3/64			
		183,840	13,102.1	7102		1- 3/64	AMERICAN R	SACRAMENTOR	
M 996	974.279		2,413,1	204		4-11/64			
196	1040139		2,622,2	25.1		1/65			
M 596	689,320		2,900.7	4.2		1			
M 596		157,020	8,420.9	53.6	9		AMERICAN R	SACKAMENIOR	
W 996	239.085		637.3	2.6	0.1- 8.0				
3	7.270		92.1	12.6			SACRAMENTO R		
M 996		216,820	12,360.4	57.0	•3- 90	2- 4/67	0		
M 196	40.240		533.0	13.2	12.5- 14.1	10-11/67			
3	7.590		104.3	13.7		3/68			
M 196		209,840	12,619,9	60°D	50.3- 75.5		SACRAMENTOR		
3	797,380		348.5	9.4		4- 6/68			
M 896	62.400		589.7	9.6		89/6			
3	28,310		852.8	30.1		1/69			
*		208,595	15,063.8	72.2			less.		
3	624.120		1,557.6	2.4					
**		353,020	24044305	69.2	56.6-151.1	1- 7/70	~	SACRAMENTOR	
		18,700	997.9	53.3		3/70	-		
	383.535		196.0	0.5		5/70	AMERICAN R		
		393,300	23,828.5	60.5	- 75	1- 3/71			
	7.275		204.1	28.0	26.6- 28.3	3/71	0		
		60.170	3.583.4	59.5		11/4	-		
	1.164.280		6,259.1	5.4	0.2- 30.2	-	œ	SACRAMENTO R	
M 125		503,625	33,661.1	66.8	58.3- 98.7	1- 3/72	-		
	23.200		453.6	19.5		12/71	œ		
		040.69	3,447.3	6.64		3/12	_		
040	1.112.675		9,736.8	8.7	- 45	4-10/72	AMERICAN R	SACRAMENTO R	
		355.150	32,227.7	7.06	75.5-151.1	1- 3/73	SACRAMENTO R		
073		405.560	31,752.8	78.3		1- 3/74			
273		141.639	12,349.1	87.1		2174	SACRAMENTO R		

TABLE 375.--CALIFORNIA TRINITY HATCHERY RELEASE OF- FALL CHINOOK SALNON.

NUMBER NUMBER TOTAL AVE. OF SUB- OF WEIGHT GRAM/ MIGRANTS MIGRANTS (KGS) FISH	TOTAL WEIGHT (KGS)	E .	AVE. GRAM/ FISH	RANGE GRAM/ FISH	DATE	RELEASE	RELEASE	RELEASE LOCATION
			3 6		3754	TOTALTY		
	7.651.4		*		5/64	TRINITY		
3.216.8	3.216.8		4		4/65	TRINITY		
100.000	240.8		2.4		29/5	TRINITY		
614.2	614.2		4.0		4/66	TRINITY		
164.8	164.8	164.8	4.0		3- 5/67	KLAMATH R		
2,109,400 2,164.5	2,164.5	164.5	-		21/68	TRINITY		
14,950.9	14,950.9	6.056	3.5		69/9	TRINITY		
4,536.8	4,536.8	536.8	3.5		7/70	TRINITY		
	25,014,3	014.3	33,3		11/70	TRINITY		
5,328.8	5,328.8	328.8	3.1		11/9	TRINITY		
5,488.5	5,488.5	488.5	3.7		6/72	TRINITY		
14,952.7	14,952.7	952.7	21.3		10/72	TRINITY		
10,784.2	10,784.2	784.2	31.2		3/73	TRINITY		
1.250	3,052,7	1.250	3.2		6/73	TRINITY		
12,519,1	12,519,1	1.615	30.6		11/73	TRINITY		
14.777.6	14.777.6	777.6	46.6		1/74	TRINITY		
9,162,6	9,162,6	162.6	36.9		11/74	TRINITY		
12,360.4	12,360.4	360.4	1.09		3/15	TRINITY		
560.7	3,560.7	560.7	3.8		6/15	TRINITY		
5,561.0	5,561.0	561.0	35.3		10/75	TRINITY		
10,348,3	10,348,3	348.3	4.0		5/76	TRINITY		
27.020.8	27,020.8	020.0	6.04		9-11/16	TRINITY		

TABLE 376.--CALIFORNIA - CALIFORNIA DEPARTMENT OF FISH AND GAME TRINITY HATCHERY - CALIFORNIA DEPARTMENT OF FISH AND GAME OF FASE OF SPOTAG CHINDOK SALMON.

	RELEASE																											
	RELEASE														SF TRINITY R													
	RELEASE		TRIMITY	KINIIA	3	IKINIII	TRINITY	TRINITY	TRINITY		TRINITY	TRINITY	TRINITY	TRINITY	TRINITY	TRINITY	TRINITY	TRINITY	TRINITY	TRINITY	TRINITY	TRINITY	TRINITY	TRINITY	TRINITY	SF TRINITY R	TRINITY	
	DATE RELEASES		19/64		1	3/68	11-12/68	69/4	10/69		11/71	10/72	3/73	5/13	5- 6/73	18/73	1/14	5- 6/74	11/74	3/15	6/15	10/75	1/76	5/16	9-10/16	11/76	11/76	
SALMON.	RANGE GRAM/ FISH						26.6- 32.3																					
CHINODK SALMON.	AVE. GRAM/ FISH		15.7	25.7		41.5	30.8	66.2	32.6		4044	31.6	73.6	3.5	9.0	41.2	60.4	6.4	37.1	69.6	7.8	37.7	68.1	4.0	38.6	2000	58.9	
OF- SPRING	TOTAL WEIGHT (KGS)		4.725.1	5,786,9	-	2,170.0	12,400.3	7.714.7	16,316,2	0	14.691.9	4.275.1	8.958.4	10.108.3	22.430.1	3.685.4	7.983.2	3.965.3	5.852.7	7,620.4	6.563.5	7.325.5	17.576.7	6.142.1	0.084.0	2. 717. 5	5.579.2	
RELEASE OF-	NUMBER OF MIGRANTS	•	390,800	224,548	•	52,185	401,900	116,500	500,000	0	330.373	135,165	121.675			89.375	132.000		157.800	0000		193.800	257. A30		220 500	20 6067	940710	
	NUMBER OF SUB- MIGRANTS	,			0					0	•			2 84 1 170	200419170 14.827.35A	2000		708-376	2000		838.875	2000		1.575.080	20000000			
	BROOD	1958-62	1963	1961	1965	1966	1967	1967	1 96.8	0901	0.00	9 76 1	1 201	1 16 1	2161	316	131.5	1972	1973	1073	100	* 161	140	101	216	1975	5761	6761

TABLE 377. -- CALIFORNIA - CALIFORNIA DEPARTMENT OF FISH AND GAME RELEASE OF - COHO SALMON.

	RELEASE RELEASE		
	RELEASE	TRINITY	TRINITY
	DATE	3- 4/65 1/66 1/68 1/68 3/70 2/71 1/2/71 3/72 3/72	3/75
	SRAM/ FISH		
	AVE. GRAM/ FISH	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	54.3
	TOTAL WEIGHT (KGS)	13.155.7 25.155.7 25.165.7 25.165.7 25.065.7 25.065.7 25.065.7 25.065.7 25.065.7 25.065.7 25.065.7 25.065.7 25.065.7 25.065.7	1,967.2
1	NUMBER OF MIGRANTS	574,600 38,900 614,700 684,265 62,700 729,145 452,700 395,430 43,776 455,216	252,905
	NUMBER OF SUB- MIGRANTS	1,084,254	2,872,117
	BR000 YE AR	958-62 963 965 966 967 967 970 970	1973

TABLE 378.--CALIFORNIA TRINITY HATCHERY RELEASE OF- STEELHEAD TROUT.

		KELEASE	טוב אובברי	SI EEL ME AU IKUUI	•			
88000	NUMBER	NUMBER	TOTAL	AVE.	RANGE	DATE	RELEASE	RELEASE
YEAR	MIGRANTS	MIGRANTS	(K6S)	FISH	FISH			
050-62	•	•						
96.3 W		293,500	14.738.5	50.5		49/4	TRINITY	
M 196	570.000		3,778.8	6.6			TRINITY	
965 W	6,797,044		4,416.2	9.0			TRINITY	
M 596	630,257		5,071,2	8.0		4- 5/66	TRINITY	
M 596		559°745	45,239,9	80.8		-	TRINITY	
M 596		168,694	10,202,2	60.4		2- 4/67	TRINITA	
M 996	100,000		1,049.2	10.4		2167	TRINITY	
W 996		12,503	1,012.0	80.9		19/4	TRINITY	
M 996		75,185	5,765,2	76.6		-	TRINITY	
M 996		557,651	36,271.5	65.0		3- 4/68	TRINITY	
W 296	2,260		6.64	22.8		4/68	TRINITY	
M 296		58,000	5,688.0	113.7		11/68	TRINITY	
H 196		45,500	10,703,9	235.2		69/5	TRINITY	
M 296		1,300	737 . 1	567.0		69/6	TRINITY	
96 8 W		25,000	1,927.8	17.1		2/69	TRINITY	
M 996		1 . 800	612.3	340.1		69/6	TRINITY	
M 996		146,900	10,095.2	68.7		-	TRINITY	
M 696		458,020	27,573.4	60.5	32.3- 56.6	4- 5/70	TRINITY	
M 696		146,318	24,584,3	168.0		10/10	TRINITY	
H 016	157,588		3,683.5	23.3	4.5- 26.6		TRINITY	
M 016		317,340	20,048,3	63.1	34.8- 90.7	4- 5/71	TRINITY	
S 016		73,368	4,794.5	65.3		2/11	TRINITY	
H 126	200		1.6	18.2		1/72	TRINITA	
H 126	73,855		1,769.0	23.9	19.7- 30.2		TRINITY	
H 126		4810741	43,272.7	8 9.8	-	3- 4/72	TRINITY	
S 126		65,818	3,436.0	5.2.5	32.3- 75.5	4/72	TRINITY	
972 W	284,345		5,010.4	24.5	15.1- 30.2	4/13	TRINITY	
972 S	9,300		140.6	15.1			TRINITY	
972 H		350,814	17,522.7	6.64	32.3- 90.7	3- 4/73	TRINITY	
S 2161		16,985	642.7	37.8		4/13	TRINITA	
1973 W		407,012	18,150.5	44.5	21.5- 64.7	5/14	TRINITA	
H 416	208,500		1,576.2	7.5			TRINITY	
H 4161		17,952	1,386.2	77.2		5- 6/75	TRINITY	
N 4161		128,110	14,399.7	112.4			TRINITY	
N 5161		389,467	24,576.1	63.1		4- 5116	IKINIIA	

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

	RELEASE					
	RELEASE					
	RELEASE		RUSSIAN R	RUSSIAN R	EEL R	EEL R
	DATE		4- 5/73	5/74	5115	4/76
	RANGE GRAM/ FISH					
	AVE. GRAM/ FISH		56.6	45.7	45.3	302.3
	TOTAL WEIGHT (KGS)	The second second	1,663.3	2,245,3	1,224.7	1,325,9
1	NUMBER OF MIGRANTS		29,340	49,050	27,008	4,385
	NUMBER OF SUB- MIGRANTS					
	BROOD	11-6561	1972 H	1973 H	H 9761	H 4261

TABLE 38G.--CALIFORNIA PRAIRIE CREEK HATCHERY - HUMBOLDT COUNTY- CALIFORNIA RELEASE OF- FALL CHINOOK SALMON.

RELEASE			
RELEASE			PRAIRIE CR
SE	REDMOOD GR PRAIRIE GR REDMOOD GR REDMOOD GR	NCAL CSTL TRIB NCAL CSTL TRIB NGAL CSTL TRIB	CR CR CR
RELEASE	REDMOOD PRAIRIE REDMOOD REDMOOD	NGAL GS NGAL GS NGAL GS	REDWOOD CR FRESHWATER CR FRESHWATER CR FRESHWATER CR PRAIRIE CR
DATE	5/64 7/65 8/66 4-5/67 7-18/68		4-5/74 4-5/75 4-5/75 4/76
RANGE GRAM/ FISH	9 9		6.7 - 7.5
FIRE	9 a	. 8	4.7-
GRAM!	**************************************	50 50 50 50 50 50 50 50 50 50 50 50 50 5	33.2 33.6 6.0 51.0
TOTAL WEIGHT (KGS)	200 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4,256.1 2,603.6 5,021.3	4,219.8 228.5 4,559.5 1,778.1
NUMBER OF MIGRANTS	0 4,676 9,997 84,615 1,058,768	465,000	1,320,608 6,795 754,440 34,604 47,652
NUMBER OF SUB- MIGRANTS	6	9	•
BROOD	1959-62 1963 1964 1965 1966	1968 1970 1971	1973 1973 1974 1975

	RELEASE																	
	RELEASE LOCATION																PRAIRIE CR	
Α.	RELEASE		REDMOOD CR	REDWOOD CR	REDMOOD CR	NCAL CSTL TRIB	REDWOOD CR	COCHRAN CR	PRAIRIE CR									
- CALIFORNI	DATE			29/5													2- 3/75	
HUMBOLDT COUNTY- CALIFORNIA	RANGE GRAM/ FISH		45.3-113.3	37.70 45.3														
	AVE. GRAH/ FISH																26.5	
TABLE 381CALIFUKNIA PRAIRIE CREEK HATCHERY - RELEASE OF- COHD SALMON.	TOTAL WEIGHT (KGS)		425.0	1,023,3	2,188.1	1,852.0	3,817,9	18.1	4,325.0	816.5	3,780.2	4.014.3	6.463.7	3.236.8	2,353,2	2,353,2	3,477.2	3,389.8
TABLE 38 PRAIRIE RELEASE	NUMBER OF MIGRANTS	- 5	7,872	25,015	53,063	55.634	101.004		95,350	27.000	125.000	146,025	216.295	78.500	93.000	83.000	131,000	77,570
	NUMBER OF SUB- MIGRANTS							50.000										
	BR00D YEAR	1958-61	1962	1963	1961	1965	1966	1961	1961	968	696	0 26 1	1 251	1972	1972	1972	1973	4 161

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

RELEASE	STONE LAGOON
RELEASE	STONE LAGOON REDWOOD CR PRAIRIE CR
RELEASE LOCATION	PRAIRIE CR REDMOOD CR PRAIRIE CR STONE LAGOON EEL R EEL R STONE LAGOON PRAIRIE CR
DATE	5- 0/73 3- 7/74 4- 5/75 4/76 12/76
RANGE GRAM/ FISH	17.4- 91.7
AVE. GRAM/ FISH	9000 9000 9000 9000 9000 9000 9000 900
TOTAL Weight (KGS)	56 - 170 - 5 56 - 170 - 5 56 - 170 - 5 56 - 180 - 5 57 - 180 -
NUMBER OF MIGRANTS	1,860 45,633 136,842 36,445 4,385 2,580 42,970
NUMBER OF SUB-	38,630
BROOD	1959-70 1971 H 1972 H 1974 H 1974 H 1975 H

TABLE 303.--CALIFORNIA PRAIRIE CREEK HATCHERY - HUMBOLDT COUNTY- CALIFORNIA RELEASE OF- SEARUN GUTTHROA TROUT

	RELEASE															NON	
	RELEASE	200														STONE LAGOON	
				TRIB		TRIB	TRIB	TRIB	TRIB	TRIB	TRIB	TRIB		TRIB		h	
	RELEASE			NCAL CSTL						NCAL CSTL				NCAL CSTL	REDMOOD CR	PRAIRIE CR	PRAIRIE CR
	DATE	RELCASES		5- 6/62		5- 6/64	5- 8/65	5- 9/66	5- 8/67	5-10/68	1- 5/69	5/70		7- 9/72	6/73	3- 4/75	4- 5/76 PR
	A S S S S S S S S S S S S S S S S S S S	FISH		90.7-113.3			56.5" 9B.7	56.6-151.1	75.5-226.7	75.5-151.1	113.3-453.5			64.7 - 98.7		34.8- 75.5	
1000	AVE.	FISH		101.7		145.5	73.2	1-1-1	118.9	106.4	6 8 4 9	38.9		83.8	263.6	57.5	128.4
0	TOTAL	(KGS)		195.0	65	399.2	1.964	1,188.9	903.1	567.9	581.5	1,791.0	6	67.01	253.6	353.8	547.8
2000	NUMBER	MIGRANTS	0	91641	0	2,743	6,785	10,696	7,590	5,336	3, 144	55,000	0	808	396	6, 150	4 , 260
	NUMBER	HIGRANTS	0		0								0				
	88000	, F 34	1958-60	1961	1962	1963	1961	1 96 5	1966	1961	1968	6961	1970	1 26 1	1972	1973	1 97 4

--- INDICATES HATCHERY NOT IN OPERATION

		TABLE 30 COCHRAN RELEASE	TABLE 384CALIFORNIA COCHRAN CREEK POND - HUMBOLDI RELEASE OF- FALL CHINOOK SALMON.	RNIA - HU CHINOOK SA	HUMBOLDT CDUNTY- CALIFORNIA SALMON.	TY- CALIFORN	IIA		
YE AR	NUMBER OF SUB- MIGRANTS	NUMBER OF MIGRANTS	TOTAL WEIGHT (KGS)	AVE. GRAM/ FISH	RANGE GRAH/ FISH	OATE RELEASES	RELEASE LOCATION	RELEASE	RELE
959-67 968 969 971		50,000	283.5 453.6 987.2	N 4 4 4 0 W W W		5/69 5/78 5/71 5/72	FRESHWATER CR FRESHWATER CR FRESHWATER CR FRESHWATER CR		

TABLE 385. -- CALIFORNIA COCHRAN CREEK POND - HUMBOLDT COUNTY- CALIFORNIA DELEASE OF FOUR SALMON

NUMBER TOTAL AVE. RANGE DATE RELEASE RELEASE OF WEIGHT GRAM' GRAM' RELEASES LOCATION LOCATION MIGRANTS (KGS) FISH FISH		2,449.4 34.8	2,483.4 23.6 3/13 FRESHMATER GR		1,778.1 51.0
NUMBER OF SUB- MIGRANTS	1 0			0	

	COOPS	
	- CALIFORNIA COOPS	TROUT.
TABLE 386 CALIFORNIA	PACIFIC LUMBER POND - CAL	REI FASE OF- STEEL HEAD

	RELEASE LOCATION	
	RELEASE	
	RELEASE LOCATION	EEL R EEL R
	DATE	5/73
	RANGE GRAM/ FISH	
TROUT.	AVE. GRAM/ FISH	66.8 32.8
RELEASE OF- STEELHEAD TROUT	TOTAL WEIGHT (KGS)	465.8
RELEASE	NUMBER OF MIGRANTS	61,418
	NUMBER OF SUB- MIGRANTS	
	BR000 YEAR	1959-71 1972 H 1973 H

LITY
FACILITY
84
REARED
I SPECIES REARED BY F
TABLE
APPENDIX

							400							
SEARUN														×
STEELHEAD		*			** **		××			,	•			×
CHERRY									×					
SOCKEYE			×						×		*			
PINK								** *	*	* >	<× :	×	*	
CHUM							××	××××	**	***	(× ×)	× ×	×	
COHO		****	×		** ***		**	××××	×××;	****	×××:	×××	×××	
SUMMER														
SPRING		****	*					***	×	* >	«××	× ×	× ×	
FALL					××××		××	***	×××:	××××	<***	××××	***	
	ALASKA	ALASKA DEPARTMENT OF FISH AND GAME CRYSTAL LAKE HATCHERY FIRE LAKE HATCHERY HALIBUT COVE LAGOON MENDENHALL POND STAPRIGAVIN POND	NATIONAL MARINE FISHERIES SERVICE LITTLE POPT MALTER	PPITISH COLUMPIA	CANADIAN FISHERIES AND MARINE SERVICE BIG QUALICUM HATCHERY CAPILANO HATCHERY PUNTLEDGE HATCHERY QUINSAM HATCHERY ROBERTSON CREEK HATCHERY ROSEWALL HATCHERY	COASTAL WASHINGTON	US FISH AND WILDLIFE SERVICE QUILCENE HATCHERY OUINALT HATCHERY	MASHINGTON DEPARTMENT OF FISH DUNGENESS HATCHERY GEORGE ADAMS HATCHERY GREEN RIVER HATCHERY HOOD CANAL HATCHERY	ISSADUAH HATCHERY MINTER CREEK HATCHERY NEMAH HATCHERY	NOOKSACK HATCHERY PUYALLUP SALMON HATCHERY SAMISH HATCHERY SIMPSON HATCHERY	SKAGII HATCHERY SKYKOMISH HATCHERY SOLEDUCK HATCHERY HILLIPA HATCHERY	GARRISON CREEK OLYMPIC REAPING CHANNEL PERCIVAL DESCHUTES CHPLX S SOUND NET PEN	SOUAXIN SALTWATER PENS TULALIP POND MINOR WOF+ COOP PROJECTS	MASHINGTON DEPARTMENT OF GAME ABERDEEN MATCHERY

	SEARUN									
	SEAR	××× ×	×						× × ×	
	EAD									
	STEELHEAD TROUT	***********	×		×××				×××××	×××
	CHERRY						. 🗴			
	SCCKEVE				*					
	PINK									
	CHOM				*	××				
	COHO				****	*****	*** ×:	× ×		
	ER									
	SUMMER				×			×		
	SPRING				***	× ×××	** * *	×		
	SPR									
	FALL				** **	****	*** **	××		×
	FAL									
						I CO	0 7		w F >	
		ABERDEEN HATCHERY BELLINGHAM HATCHERY CHAMBERS CREEK HATCHERY CHAMBERS CREEK HATCHERY SEMARD PARK HATCHERY SCHARD PARK HATCHERY SOUTH TACOMA HATCHERY TOKUL CREEK HATCHERY TOKUL CREEK HATCHERY BELUE SLOUGH POND GREEN PIVER POND GREEN PIVER POND HARRISON POND MAYR BROSS POND SSALT CREEK POND			SEPVICE RY LFX CHERY CHERY	CHERT CHERT	DNOA SA		NGTON DEPARTMENT OF GAME BEAVER CREEK HATCHERY CHELAN PUD HATCHERY COLUMBIA BASIN HATCHERY COMLITZ TROUT HATCHERY GOLDENDALE HATCHERY HOSSYROCK HATCHERY	
		ABERDEEN HATCHERY BELLINGHAM HATCHERY BELLINGHAM HATCHERY CHAMBERS CREEK HATCHE PUYALLUP TROUT HATCHE SHELTON HATCHERY SOUTH TACOMA HATCHERY TOWUL CREEK HATCHERY BARNABY POND BLUE SLOUGH POND GREEN PIVER POND HARRISON POND HARRISON POND MAYR BPOS POND	2	TON	w a 0 =	NGTON DEPARTMENT OF F COMLITZ SALMON HATCHE ELOKCMIN HATCHERY GRAYS RIVER HATCHERY KALAMA FALLS HATCHERY KLICKITA HATCHERY KLICKITA HATCHERY CHAIS RIVER HATCHERY	SPEELVAI HATCHERY TOUTLE HATCHERY MASHOUGAL HATCHERY NILE SPRINGS REAPNS POIEST RAPIDS POND RINGOLD SALMON POND	DNO	NGTON DEPARTMENT OF G BEAVER CREEK HATCHERY CHELAN PUD HATCHERY COLUMBIA BASIN HATCHE GOLDENDALE HATCHER GOLDENDALE HATCHERY MOSSYROCK HATCHERY	HERY
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APPENDIX TABLE I .-- CONT.

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APPENDIX TABLE I .-- CONT.

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

Columbia 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