2010 Fall Chinook Salmon Spawning Ground Survey

Salmon-Scott Rivers Ranger District Klamath National Forest



Prepared by
Maija Meneks
Salmon-Scott Rivers District Fish Biologist

March 23, 2011

Salmon-Scott Rivers Ranger District Klamath National Forest 11263 N. State Hwy 3 Fort Jones, CA 96032

Table of Contents

ABSTRACT	
INTRODUCTION	
METHODS	3
RESULTS	6
Salmon River	6
DISCUSSION	10
LITERATURE CITED	12
Appendix A – California Department Fish and Game "MegaTable"	A-1
Appendix B – USGS Discharge Charts	B-1
Appendix C - Redd and Fish Survey Tables (2010)	
Appendix D - List of Cooperators and Contributions	D-1

ABSTRACT

Cooperative spawning ground surveys between the U.S. Forest Service, California Department of Fish and Game, Yurok Tribe, Karuk Tribe, Quartz Valley Indian Reservation, Salmon River Restoration Council, and local schools and volunteers have occurred on the Klamath National Forest since 1992. In addition to providing information to land managers in regard to where these fish spawn, these surveys are used to estimate the total in-river spawner escapement of fall Chinook salmon (*Oncorhynchus tshawytscha*) by the Klamath Fisheries Management Council and the Pacific Fisheries Management Council for determination of harvest allocations for the subsequent year.

The Salmon River and Scott River are surveyed on an annual basis using both carcass mark-recapture and redd count techniques. Mark-recapture of carcasses (and in some cases, redd counts) are used for population estimations. Redd counts are utilized on the rivers' smaller tributaries, which may not be regularly visited during the spawning season. The 2010 cooperative survey began October 11th and ended on December 2nd. There was a storm and high water event during October that forced the cancellation of surveys on both systems; and due to discharges subsequently remaining too high for safe navigation throughout the remaining of the season, Salmon River surveys upon the mainstem and forks were irregular. However, the high water did provide an opportunity to shift surveys to include multiple tributary systems.

Approximately 2,834 fish returned to the Salmon River and 2,507 fish returned to the Scott River. Estimates are conservative due to cancellation of surveys due to weather, elevated river flows, and limited survey access in some reaches on the Scott River. Run estimates, made by California Department of Fish and Game, are compiled through a combination of redd count and mark-recapture carcass surveys. The Scott River also employs weir videography. Using data collected since initiation of organized surveys in 1978, year 2010 returns appear to be close to average for the Salmon River, and below average [7th lowest] for the Scott River.

INTRODUCTION

Since 1978, the California Department of Fish and Game (CDFG) has determined fall Chinook salmon spawner escapement in the Klamath River watershed using a combination of weirs, mark-recapture surveys, redd surveys, and hatchery return information. This data is used in the determination of stock size projections for the management of Klamath River fall Chinook salmon stocks by the Klamath Fisheries Management Council and the Pacific Fisheries Management Council.

The CDFG, Six Rivers National Forest (SRNF), and Klamath National Forest (KNF) (the Forests are hereafter collectively referred to as USFS) have conducted Chinook spawner surveys for many years. Since missions differ among agencies, the objectives for these surveys were always slightly different. The USFS traditionally counted redds and live fish in order to estimate number and distribution of spawning Chinook salmon. Beginning in 1992, the CDFG and USFS joined together to accomplish spawner escapement surveys, partially due to shrinking budgets in both State and Federal programs, but also the desire to increase cooperative operations between agencies. These surveys now include collaboration with the Karuk Tribal Government, Yurok Tribal Government, Quartz Valley Tribal Government, Salmon River Restoration Council, Siskiyou Resource Conservation District, and local volunteers and public schools. The cooperative effort has improved the accuracy of CDFG estimates by enabling surveys that are more extensive and frequent in nature.

In fall 2010, a combination of redd and mark-recapture counts were completed in the Salmon River and Scott River drainages, including mainstems and tributaries, in order to determine fall Chinook spawner escapement and distribution (**Table 1**). When discharge conditions were unsafe on the Salmon River, KNF crews were diverted to survey tributaries within the watershed, performed additional reach surveys upon the Scott River, else assisted survey efforts for the Klamath River out of Happy Camp. This report summarizes redd count surveys conducted from October 11th through December 2nd on the KNF portion of the Salmon and Scott Rivers (i.e., within the Salmon-Scott Rivers Ranger District). The exception of this is Wooley Creek and the Salmon River below Nordheimer Creek, which were surveyed by SRNF personnel. Data from these locations will be covered in the KNF-wide compilation of spawning survey activities (which will also include the mainstem Klamath River and its tributaries).

A separate report is prepared by CDFG biologists for the escapement estimates to be used by the fisheries management councils. The most recent draft of the 2010 MegaTable has been included in **Appendix A** (CDFG 2011).

Table 1. The 2010 survey schedule for KNF crews for the Salmon River and Scott River.

Survey Week	Scott River (Monday)	Salmon River (Tuesday)		Scott River (Thursday)	Salmon River (Friday)
1	Oct-11 (ns - holiday)	Oct-12		Oct-14	Oct-15
2	Oct-18	Oct-19	lay	Oct-21	Oct-22
3	Oct-25 (ns - high water)	Nov-26 (ns - high water)	Wednesday	Oct-28	Oct-29 (extra Scott R reaches)
4	Nov-01	Nov-02 (Scott/Klamath tribs)	ou	Nov-04	Nov-05 (Salmon tribs)
5	Nov-08 (ns - high water)	Nov-09 (Klamath tribs)	surveys	Nov-11	Nov-12 (Scott/Salmon tribs)
6	Nov-15	Nov-16 (Salmon tribs)	No sı	Nov-18	Nov-19 (Scott tribs)
7	Nov-22	Nov-23 (Klamath tribs)		Nov-25 (ns - holiday)	Nov-26 (ns - holiday)
8	Nov-29	Nov-30 (extra Scott R reaches)			

^{*}ns - no survey

METHODS

In 2010, redd surveys were conducted on the Salmon River and Scott River, as well as various tributaries. **Table 2** summarizes each reach for 2010, including reach number and length, number of times surveyed, and maximum number of redds observed in a single visit.

- Salmon River was surveyed twice weekly from mile marker 12 on the North Fork (NF) to
 the confluence with the South Fork (SF); Matthews Creek campground on the SF to the
 confluence with the NF; and the mainstem Salmon River from the confluences to
 Nordheimer Creek. The mainstem below Nordheimer Creek and Wooley Creek were
 surveyed on a differing schedule by SRNF personnel, and is detailed in a separate report.
 - Tributaries surveyed included Black Bear Creek, Indian Creek, Knownothing Creek, Little North Fork Salmon River, Matthews Creek, Methodist Creek, Nordheimer Creek, North Russian Creek, Plummer Creek, and St. Claire Creek.
- Scott River was surveyed from about one mile upstream Fay Lane in the upper Scott Valley to the confluence of the Klamath River. Lack of access across or through private property excluded some segments or portions within reaches from survey.
 - Tributaries surveyed included Canyon Creek, Kelsey Creek, Tompkins Creek, and Wooliver Creek.
- High discharge on the Salmon River throughout much of the survey season made for dangerous conditions. Because safety concerns cancelled multiple Salmon River surveys, KNF crew assigned to survey the Salmon River were made available to assist the Happy Camp/Oak Knoll District to visit Klamath River mainstem tributaries. Systems surveyed included Grider Creek, Horse Creek, and Indian Creek.

 In addition to the above locations, Humbug Creek and upper (WF) Humbug Creek were surveyed. This system is not regularly surveyed; and while located upon the Oak Knoll District, it is administered by the Salmon-Scott Rivers District.

The USFS and CDFG held two training sessions for agency employees, Tribal employees, and volunteers. On October 6th, the red survey/carcass mark-recapture training was held at Indian Scotty Group campground on the Scott River. Similar training was held at Oak Bottom River Access on the mainstem Salmon River on October 7th. Topics discussed at the trainings included redd and fish identification; carcass marking, including the explanation of Petersen mark-recapture estimates; scale, tissue, and otolith sampling; data collection; salmonid life cycles; and survey safety procedures. An expanded swift-water training and safety session was held on October 8th at Indian Scotty campground.

Table 2. Fall Chinook spawning survey reach descriptions for Salmon River and Scott Rivers in 2010. Salmon River reaches surveyed by Six Rivers National Forest not included.

Stream Name	Reach Name	Reach Number	Miles	# of Times Surveyed	Maximum Number of Redds as of
Salmon Rive	r				12/1/2010
Mainstem	Otter Bar to Nordheimer Ck	4A	1.6	5	17
	Forks to Otter Bar	4B	2.4	6	58
North Fork	Mile 2 to Forks	9A	2	5	54
	Mile 4 to Mile 2	9B	2	5	19
	Mile 6 to Mile 4	10A	2	4	48
	Mile 8 to Mile 6	10B	2	3	25
	Mile 10 to Mile 8	11A	2	2	19
	Mile 12 to Mile 10	11B	2	1	Not mapped
South Fork	Henry Bell to Forks	5A	3	4	36
	O'Farrell Gulch to Henry Bell	5B	2	5	17
	Indian Ck to O'Farrell Gulch	6A	3	6	15
	Matthews Ck to Indian Ck	6B	2.2	4	9
Tributaries	Black Bear Creek		1.7	1	0
	Indian Creek		1.5	1	0
	Knownothing Creek		1	1	0
	Little NF Salmon River		3	1	0
	Methodist Creek		1.3	1	8
	Nordheimer Creek		2.5	2	29
	North Russian Creek		4	1	0
	Matthews Creek		1.5	1	0
	Plummer Creek		1.4	1	0
	St. Claire Creek		1	1	0

Stream Name	Reach Name	Reach Number	Miles	# of Times Surveyed	Maximum Number of Redds as of
Scott River					12/1/2010
	Midpoint to Confluence	1	2.5	10	26
	Pat Ford to Midpoint	2	2.5	9	25
	George Allen to Alreds	3	1.9	8	12
	Townsend Gulch to George Allen	4	2.5	9	22
	Bridge Flat to Townsend Gulch	5	4	10	20
	CDFG Weir to Bridge Flat	6	3.8	9	. 13
	USGS Gauge to CDFG Weir	7	3.5	9	14
	Sniktaw Creek to USGS Gauge [start ~0.2 mile upcanyon from Sniktaw Ck]	8	2.9	5	72
	Dunlap to Duvall	9	3	0	Not surveyed
	Hwy 3 to Dunlap	10	3	0	Not surveyed
	Eller Lane to Hwy 3	11	7	0	Not surveyed
	Sweezy to Eller Lane	12	2.5	9	7
	Horn Lane to Sweezy Lane	13	3	10	41
	Young's Dam to Horn Lane	14	2	9	39
	Fay Lane to Young's Dam	15	3.5	7	34
	Top of Barnes to Fay Lane	16	1	1	4
Tributaries	Canyon Creek		1.2	2	0
	Kelsey Creek		0.5	3	1
	Tompkins Creek		2.6	2	0
	Wooliver Creek		1.2	1	0
Klamath Riv	er Tributaries				11/2/2010
	Humbug Creek (mainstem) [FS only - mouth to SF Humbug confluence]		1.7	1	0
	Humbug Creek (upper) [SF Humbug confluence to Sweetwater Ck]		1.7	1	0

On the Salmon and Scott Rivers, crews conducted two concurrent surveys on survey reaches, using redd counts and carcass counts (CDFG 2010). A typical crew consisted of two people. Each crew walked two to five miles of river each survey day unless health or safety concerns limited ability to survey. The number of times a reach was surveyed was directly related to the number of people available on the survey dates. When a lack of available surveyors was a concern, the reaches to be surveyed were determined by the level of activity observed on the prior survey date and personnel knowledge of the system. Access to private land was also a concern on the Scott River. An attempt was made to have people survey differing reaches throughout the season so as to reduce estimator bias.

On both rivers, each redd was counted and then tallied at the end of the reach. Once a week, new redds on the Salmon River were flagged; and redds were mapped at least once a week during the season for both drainages, marking the location on a map. The original field maps of redd locations are available at the Salmon-Scott Rivers District Office in Fort Jones, CA.

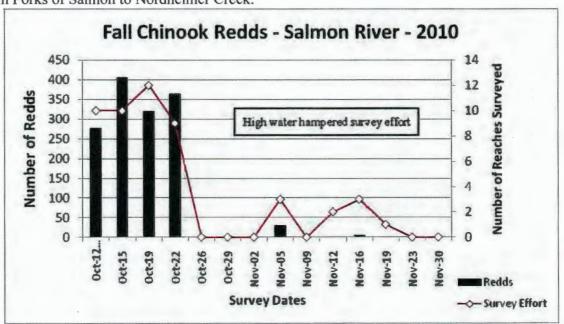
RESULTS

Salmon River

Survey efforts on the Salmon River were hampered due early season storms beginning late-October increasing discharge above safe flows (**Appendix B**). A few surveys did occur in November, but they were limited in extent due to continuing safety issues and availability of specialized equipment (e.g., drysuits and rafts) and personnel experienced with high water conditions.

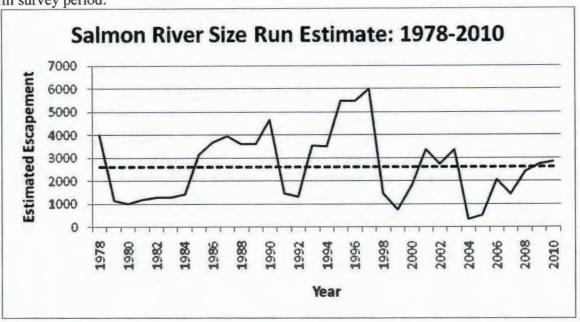
The Salmon River probably reached peak spawning (or most redds observed) in mid- to late-October, although this speculation cannot be confirmed due to lack of data past October 22nd (**Figure 1**). However, this time period is consistent with peaks recorded in past surveys. Overall survey effort was affected by amount of surveyors available, weather, and flows. See **Appendix C** for a table of redd numbers organized by reach and date.

Figure 1. Fall Chinook redds observed and survey effort on the Salmon River in 2010. Surveys occurred (up to 12 reaches total) on NF Salmon River from Mile 12 to Forks of Salmon; on SF Salmon River from Matthews Creek to Forks of Salmon; and on the mainstem Salmon River from Forks of Salmon to Nordheimer Creek.



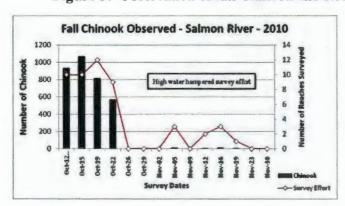
Using redd data, the Salmon River is estimated to have had about 2,834 Chinook salmon return in the fall of 2010 (**Figure 2**; **Appendix A**). Due to adverse survey conditions, escapement projections were built via redd counts from the first two weeks of survey and expanded for the season based on historical cumulative averages. Draft MegaTable results indicate 2010 was just above average, ranking 19th for run size.

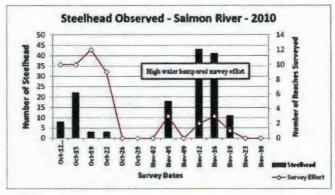
Figure 2. Salmon River run size estimates for 1978 to 2010. Dashed line is average over long-term survey period.



Live Chinook and steelhead were tallied during surveys. As with redds, survey efforts declined following high flows; and fish observation is affected by number of surveyors, weather, and discharge conditions. Peak live Chinook were observed on October 15th, with subsequent numbers declining within the survey area. Although survey effort in November was lower than October, steelhead numbers appear to have increased, perhaps in response to the higher flows. See **Appendix C** for a table of fish numbers organized by species, reach, and date.

Figure 3. Observation of fall Chinook and steelhead during the 2010 Salmon River surveys.





Coho were also incidentally observed during the fall Chinook surveys:

- October 15th
 - o Two coho reported in Reach 4B (Otter Bar to Nordheimer Creek)
- October 22nd
 - o Three coho reported Reach 6A (Indian Creek to O'Farrell Gulch)

o Two possible coho in Reach 4A (Forks of Salmon to Otter Bar)

Salmon River tributary surveys occurred during November (Appendix A). Chinook salmon redds and fish were found on Methodist Creek and Nordheimer Creek. Steelhead were observed on Black Bear Creek and Nordheimer Creek.

Scott River

Based on the available data, the Scott River reached the peak of spawning (or the greatest number of redds at one time) on November 11th (Figure 4). This date is similar to that observed in other years. An examination of the data split by reach and date [see Appendix A] suggests spawning may have peaked below the USGS gauge several weeks prior to that upstream the gauge. This may have been a result of fish moving to the middle and upper portions of Scott Valley following elevated flow events in October and November. However, as surveys were not begun at Reaches 12 through 16 until late-October, this observation cannot be confirmed. Overall survey effort was affected by the amount of surveyors available, weather, and flows. Similar to the Salmon River, some surveys had to be cancelled or limited on the Scott River for crew safety (Appendix B).

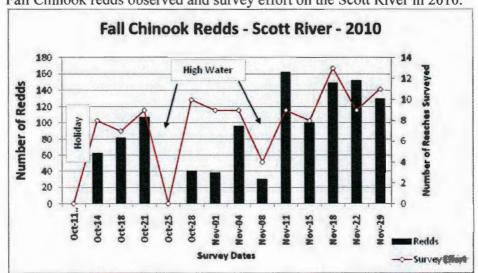


Figure 4. Fall Chinook redds observed and survey effort on the Scott River in 2010.

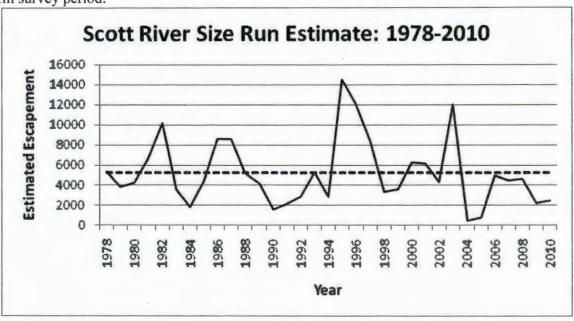
Redds are not flagged during the Scott River surveys. Therefore, because "new" and "old" redds cannot be reliably differentiated, all are counted during each survey date. Theoretically, total redd number for each reach should increase until a maximum is achieved, and then remain thereabouts until the end of the survey period. In reality, weather and water conditions, scouring by high flows, superimposition of redds, surveyor experience, and other factors create conditions whereupon this does not necessarily occur. If maximum number of redds by reach are tallied, regardless of date, a total of 329 redds is calculated (**Table 3**). This number is greater than that observed at any single date via **Figure 4**.

Table 3. Maximum number of redds and date observed by reach for Scott River in 2011.

	Reach 1	Reach 2	Reach 3	Reach 4	Reach 5	Reach 6	Reach 7	Reach 8	Reach 12	Reach 13	Reach 14	Reach 15	Reach 16	Total
Maximum Redds	26	25	12	22	20	13	14	72	7	41	39	34	4	329
	Oct-21	Oct-18	Oct-14	Oct-21	Oct-21	Oct-21	Oct-21	Nov-11	Nov-29	Nov-29	Nov-29	Nov-15	Nov-18	

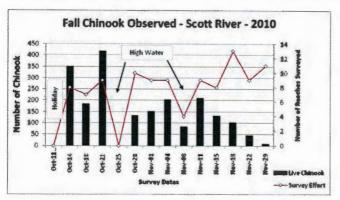
Using redd data and video weir observation, the Scott River is estimated to have had about 2,507 fall Chinook salmon return in 2010 (**Figure 5**; **Appendix A**). Based on draft MegaTable results, 2010 was well below average and ranked as the 7th lowest for run size.

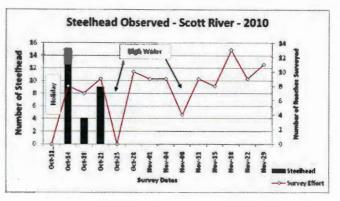
Figure 5. Scott River run size estimates for 1978 to 2010. Dashed line is average over long-term survey period.



Live Chinook and steelhead were tallied during surveys. As with redds, fish observation is affected by number of surveyors, weather, and discharge conditions. Peak live Chinook were observed on October 21th, with fish numbers subsequently declining after the first high flow event, increasing again, and finally tapering off by the end. Similar to the redd count, numbers of live Chinook appear to have increased at reaches higher in the Scott River during the latter half of the survey period. This observation likely reflects upmigrating fish movement, particularly as elevated discharge opened additional spawning habitats. Steelhead were only observed during the first several surveys. See **Appendix C** for a table of fish numbers organized by species, reach, and date.

Figure 6. Observation of fall Chinook and steelhead during the 2010 Scott River surveys.





Coho were also incidentally observed during the fall Chinook surveys:

- November 22nd
 - One female coho carcass retrieved from Reach 14 (Youngs Dam to Horn Lane)
- November 30th
 - One female coho carcase retrieved from Reach 13 (Horn Lane to Sweezy)

Scott River tributary surveys occurred during November (Appendix A). A Chinook redd was found on Kelsey Creek.

Other Tributaries

Forest Service personnel from Salmon-Scott Rivers District assisted surveys on Happy Camp-Oak Knoll District. Results from these surveys can be found in the Happy Camp-Oak Knoll report.

The Humbug Creek drainage, while located upon Oak Knoll District, is managed by Salmon-Scott Rivers District. No spawning anadromous fish were found during November surveys of mainstem and upper (West Fork) Humbug Creek. However, the Forest Service managed land was well upstream of where Chinook would have been expected, it was too early for coho to be present, and adult steelhead are generally not found until the spring months.

DISCUSSION

A series of storms starting in the latter half of October had both positive and negative effects on fall Chinook spawning in the Salmon and Scott Rivers drainages. The initial October event caused flows to reach over 4,000 cubic-feet-per-second (cfs) and 700 cfs in the Salmon and Scott Rivers, respectively (**Appendix B**); and these numbers represent average discharge on a specific day, with instantaneous flows higher.

The elevated flows allowed access to spawning areas that had previously been blocked or difficult to get to because of low flow. Chinook in the Scott River had access to valley reaches and associated tributaries, the East Fork, and the South Fork. This upmigration appears to have been observed via the increased numbers of redds and fish present above the USGS gauge, particularly Reaches 12 through 16, as compared to below following the storms. Unfortunately, while it is assumed that salmon accessed tributaries and the forks, distribution and numbers are

unknown due to lack of surveys. A similar situation is assumed to have occurred on the Salmon River where higher flows likely allowed fall Chinook into the upper portions of the NF and SF Salmon River. However, reaches were not surveyed above Matthews Creek on the SF and above Reach 11 on the NF; and tributary surveys above the mainstem forks reaches may have occurred too late or not have been sufficiently extensive to capture fish or redds.

While the high flows undoubtedly allowed greater access to the spawning grounds for fall Chinook, it should also be noted that negative impacts could have occurred via scouring, thusly affecting survival of eggs in redds. Salmon River may have been particularly vulnerable as storm timing occurred right after the apparent peak of spawning and while redds were still under active construction.

The high water affected efforts to flag and map redds. In particular, only two weeks (four surveys) were completed upon the Salmon River, with subsequent surveys upon the mainstem and forks sporadic. Emplaced flags were reported to have been swept away when high water submerged riparian brush and trees; and in both drainages, redds were scoured, making post-high water identification difficult, particularly for surveyors with less experience.

Recommendations

It is recommended that redd flagging occur on the Scott River on Forest Service managed property and upon private land where the owners are agreeable. An accurate redd count is important in estimating fall Chinook salmon returns to the Scott River sub-basin, particularly in regards to fish which spawn downstream of the video weir (at the Reach 6/7 break). Identifying and tracking redds can be difficult, especially following storm events. Also, early-spawned redds can become less distinct as the survey season progresses or where later fish superimpose their own nests.

The redd survey process upon the Salmon River requires clarification. The protocol requires redd flagging and mapping to be completed once a week, and all redds to be tallied with each survey. For 2010, Tuesday was designated to be the flag/map day. However, upon examination of the Tuesday redd forms, it is unclear in most instances if *all* redds were being reported or only *new* redds; and as maps were not always turned in with forms, double checking is difficult to accomplish. One possible remedy is to flag and map one both survey days, thus eliminating confusion in regards to protocol adjustments dependent upon day. Another possibility is to alter the redd forms to include space for "new" and "old" tallies. Prior to crew training for the 2011 fall Chinook survey season, Forest Service and CDFG survey administrators need to discuss how to proceed to ensure accurate data acquisition.

It is suggested that an attempt be made to GPS redds. The purpose would be to more accurately define spawning locations: not all crew members have the same facility in reading and marking paper maps. For Salmon River, GPSing should be done prior to removing flagging. On the Scott River, if a decision is made to continue to not flag redds, GPSing might be done once at the end of October, and again at the end of November. Details will need to be discussed between survey administrators concerning GPS unit availability, who would accomplish the mapping, reach priority, and other issues. Due to cumulative time required to GPS redds within a reach, it is unlikely that the mapping would occur concurrently with an already scheduled survey.

At both training and the staging area prior to daily surveys, the importance of mapping needs to be emphasized. Because there may not be sufficient resources to consistently GPS redds, the use of paper maps in regards to redd distribution, both spatially and temporally, is critical. For a complete record, all maps should be turned in, regardless if redds are observed or not. A negative result still represents an important addition to the final record. Maps also serve as a backup to data provided on the redd survey form should the latter be lost.

For both the Scott and Salmon Rivers, it is recommended that tributary surveys be pre-identified in the event of discharge flows above safe levels. This action may require approaching landowners prior to the survey season, either for access to Forest Service segments or to include private reaches into the overall survey. While maps for tributary surveys for the Salmon River drainage do exist, the switch in 2010 to these systems did not occur until mid-November; and as the spawning peak appeared to have occurred in mid-October, the entry of Chinook into the tributaries may have been missed. By comparison, only a few days on the Scott River mainstem were missed; and on those days, discharges on tributaries were also at unsafe levels.

LITERATURE CITED

California Department of Fish and Game (CDFG). 2011. Klamath River Basin fall Chinook salmon spawner escapement, in-river harvest and run-size estimates – 1979-2010.

California Department of Fish and Game (CDFG). 2010. Klamath Basin cooperative spawning ground survey – 2010 training manual. 45 pp.

Appendix A - California Department Fish and Game "MegaTable"

Klamath River Basin Fall Chinook Salmon Spawner Escapement, In-river Harvest and Run-size Estimates 1978-2010 a/

Hatchery Stawmers fron Oate Hatchery (IGH) Frinky River Hatchery (TRM) Substatal Natural Spawmers Frinky River basin (there Willer Cost, muchaing TRH) Sakroon River basin	925 1,325 2,250	Aduks 6,945 6,034 12,979	Totals 7,370 7,359 15,229	Grilse 257	1979				
ron Oate Hatchery (IOH) Frinky River Hatchery (TRM) Subtotals Natural Suawaers Trinky River basin (show Willer Cost, excluding TRM)	925 1,325 2,250	Aduks 6,945 6,034	7,870 7,359		100000			1980	
ron Oate Hatchery (IOH) Frinky River Hatchery (TRM) Subtotals Natural Suawaers Trinky River basin (show Willer Cost, excluding TRM)	925 1,325 2,250	6,945 6,034	7,870 7,359		Adults	Totals	Grilse	Aduks	Totals
Trinity River Hutchery (TRM) Subtotals Natural Spawners Trinity River basin (shore Willow Cook, suchaling TRM)	2,250	6,034	7,359		2,301	2.558	451	2,412	2,86
Subtotals Vatural Spawners Trintry River basin (shave Willow Cook, exchaling TRR)	2,250			964	1,335	2,299	2,256	4,099	6,355
Trinky River basin (above Willow Cook, suchding TRII)				1,221	3,636	4,857	2,707	6,511	9,21
(above Willow Catch, suchding TRR)									
1									21.42
Saknon River basin	4,712	31,052	35,764	3,936	8,028	11,964	16,837	7,700	24,53
	1,400	2,600	4,000	150	1,000	1,150	200	800	1,00
Scott River basin	1,909	3,423	5,332	428	3,396	3,824	2,245	2,032	4,27
Shasta River basin	6,707	12,024	18,731	1,040	7,111	8,151	4,334	3,762	8,09
Bogus Creek basin	651	4,924	5,579	494	5,444	5,938	1,749	3,321	5,07
Main Stem Klamath River (codalog 1981)	300	1,700	2,000	466	4,190	4,636	867	2,468	3,33
Misc. Klameth tributaries				1					
(alone Hoops and York Recovations)	735	2,765	3,500	147	1,068	1,215	500	1,000	1,50
Hoone and Yurak Reservation tribs.	- W	W	b	100 c/	400 d	500 c/	250 c/	400 €	65
Subtotals	16,414	58,492	74,906	6,761	30,637	37,398	26,982	21,483	48,46
Total Spawner Escapement	18,664	71,471	90,135	7.912	34,273	42,255	29,619	27,994	57,68
		- CORPORATION AND ADDRESS OF THE PARTY OF TH		-					
	- 11	1978		0.11	[979		2.1	1980	T-u-l-
Angler Harvest	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	
Klamath River (below Hwy 101 bridge)	122	Adults 854	976	210	Aduks 484	700	835	Adults 727	Totals
Klamath River (below Hwy 101 bridge) Trinity River basin (above Willow Creek)	122	Adults 854	976	216 765	Aduks 484 1,157	700 1,922	835 2,456	727 998	1,56 3,45
Klamath River (below Hwy 101 bridge)	122	Adults 854	976	210	Aduks 484	700	835	Adults 727	1,56 3,45 5,37
Klamath River (below Hwy 101 bridge) Trindy River basin (above Willow Creek) Balance of Klamath system Subtotals	122	854 #	976 4/ 2,300	216 765 1,200	Aduks 484 1,157 500	700 1,922 1,700	835 2,456 2,600	727 998 2,771	1,56 3,45 5,37
Klamath River (below Hwy 101 bridge) Trinity River basin (above Willow Creek) Balance of Klamath system Subtotals	122	854 #	976 4/ 2,300	216 765 1,200	Aduks 484 1,157 500	700 1,922 1,700	835 2,456 2,600	727 998 2,771	1,56 3,45 5,37 10,38
Klamath River (below Hwy 101 bridge) Trinity River basin (above Willow Creek) Balance of Klamath system Subtotals Indian Net Harvest of Klamath River (below Hwy 101 bridge)	122 4/ 1,960 2,082	854 #	976 # 2,800 3,776	216 765 1,200	Aduks 484 1,157 500	700 1,922 1,700	835 2,456 2,600 5,891	Aduks 727 998 2,771 4,490	
Klamath River (below Hwy 101 bridge) Trindy River basin (above Willow Creek) Balance of Klamath system Subtotals Indian Net Harvest Klamath River (below Mwy 101 bridge) Klamath River (Mwy 101 to Trinity mouth	122 4/ 1,960 2,082	854 #	976 4 2,800 3,776	216 765 1,200	Aduks 484 1,157 500	700 1,922 1,700	835 2,456 2,600 5,891	Aduks 727 998 2,771 4,490	1,56 3,45 5,37 10,38
Klamath River (below Hwy 101 bridge) Trinity River basin (above Willow Creek) Balance of Klamath system Subtotals Indian Net Harvest of Klamath River (below Hwy 101 bridge)	122 4/ 1,960 2,082	854 #	976 # 2,800 3,776	216 765 1,200	Aduks 484 1,157 500	700 1,922 1,700	835 2,456 2,600 5,891 495 272	Aduks 727 998 2,771 4,490 9,605 1,528	1,50 3,45 5,37 10,38

Page 2 of 1

		ar A	WHER ESC	APEMENT					
		1981	- the		1982			1981	
Hatchery Spawners	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
ron Gate Hatchery (IGH)	540	2,055	2,595	1,833	8,353	10,186	514	8,371	8,88
Trinity River Hatchery (TRH)	1,004	2,370	3,374	4,235	2,058	6,293	271	5,494	5,76
Subtotals	1,544	4,425	5,969	6,068	10,411	10,479	785	13,865	14,65
Natural Spawners Trinity River basin									
(above Willow Creek, encluding SRM)	5,906	15,340	21,246	8,149	9,274	17,423	853	17,284	18,13
Salmon River basin	450	750	1,200	300	1,000	1,300	75	1,200	1,27
Scott River basia	3,409	3,147	6,556	4,350	5,8 26	10,176	170	3,398	3,56
Shasta River basin	4,330	7,890	12,220	1,922	6,533	8,455	753	3,119	3,87
Sogus Creek basin	912	2,730	3,642	2,325	4,818	7,143	335	2,713	3,04
Main Stem Klamath River (cadaling low)	1,000	3,000	4,000	1,000	3,000	4,000	200	1,200	2,00
Misc. Klarreth tributeries (shave Hoops and Yarot Reservations)	500	1,000	1,500	600	1,500	2,100	140	1,270	1,41
Hoona and Yurok Reservation tribs. Subtotals	16,507	33,857	50,364	18,646	31,951	50,597	2,520	30,784	33,31
Total Spawner Escapement	11,051	38,282	56,333	24,714	42,362	67,076	3,311	44,649	47,96
	Grilse	1981		Name and Address of the Owner, where the Owner, which is the Ow	1982				
				Ct. 13	4 A A.	Table	0.7.	[981	W. s.l.
		Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	-
Klamath River (below Mwy 101 bridge)	530	1,714	2,250	1,252	3,539	4,791	60	Aduks 750	
Klamath River (below Mwy 101 bridge) Trinity River basin (above Willow Creek)	530 1,456	1,714 3,174	2,250 4,630	1,252 2,534	3,539 2,321	4,791 4,875	60 116	750 2,360	2,47
Klamath River (below Mwy 101 bridge) Frinity River basia (above Willow Creek) Balance of Klamath system	530	1,714	2,250	1,252	3,539	4,791	60	Aduks 750	2,47 1,30
Klamath River (below Mwy 101 bridge) Frinity River basia (above Willow Creek) Balance of Klamath system Subtotals	536 1,456 5,260	1,714 3,174 1,095	2,250 4,630 6,355	1,252 2,554 8,078	3,539 2,321 2,479	4,791 4,875 11,157	60 116 175	750 2,360 1,125	2,47 1,30
Klamath River (below Mwy 101 bridge) Trinity River basin (above Willow Creek) Balance of Klamath system Subtotals	536 1,456 5,260	1,714 3,174 1,095	2,250 4,630 6,355	1,252 2,554 8,078	3,539 2,321 2,479	4,791 4,875 11,157	60 116 175	750 2,360 1,125	Totala \$11 2,47 1,30 4,58
Klamath River (below Mwy 101 bridge): Trinity River basin (above Willow Creek): Bafance of Klamath system Subtotals Indian Net Harvest of Klamath River (below Mwy 101 bridge)	530 1,450 5,200 7,252	1,714 3,174 1,095 5,983	2,250 4,630 6,355 13,235	1,252 2,534 8,678 12,484	3,539 2,321 2,479 8,339	4,791 4,875 11,157 20,823	116 175 351	750 2,360 1,125 4,235	2,47 1,30 4,58
Klamath River (below Mwy 101 bridge); Prinity River basin (above Willow Creek); Balance of Klamath system Subtotals Indian Net Harvest of Klamath River (below Mwy 101 bridge); Klamath River (Hwy 101 to Trinity month	530 1,456 5,260 7,252	1,714 3,174 1,095 5,983	2,250 4,630 6,355 13,235	1,252 2,554 8,678 12,484	3,539 2,321 2,479 8,339	4,791 4,875 11,157 20,823	60 116 175 351	Adults 750 2,360 1,125 4,235	2,47 1,30 4,58
Clamath River (below Mwy 101 bridge); Frinity River basin (above Willow Creek); Balance of Klamath system Subtotals Indian Net Harvest of Klamath River (below Mwy 101 bridge); Klamath River (Hwy 101 to Trinity mouth Trinity River (Hoona Reservation)	530 1,456 5,200 7,252 912 1,104	1,714 3,174 1,095 5,983 23,097 8,405	2,250 4,630 6,355 13,235 24,009 9,509	1,252 2,554 8,678 12,484 290 1,195	3,539 2,321 2,479 8,339 4,547 8,424	4,791 4,875 11,157 20,823 4,837 9,619	60 116 175 351	Aduks 750 2,360 1,125 4,235	81 2,47 1,30 4,58 81 5,82 1,42
Ander Harvesi Klamath River (below Nwy 101 bridge) Trainity River basia (above Willow Creek) Balance of Klamath system Subtotals Indian Net Harvest Klamath River (below Nwy 101 bridge) Klamath River (Hwy 101 to Trainity mouth Trinity River (Hossa Reservation) Subtotals Total Ensiver Harvest	530 1,450 5,200 7,252 912 1,104 449	1,714 3,174 1,095 5,983 23,097 8,405 1,531	2,250 4,630 6,355 13,235 24,009 9,509 1,980	1,252 2,554 8,078 12,484 290 1,195 314	3,539 2,321 2,479 2,339 4,547 8,424 1,511	4,791 4,875 11,157 20,823 4,837 9,619 1,825	116 175 351 12 121 30	Aduks 750 2,360 1,125 4,235 400 5,700 1,390	\$1 2,47 1,30 4,58 81 5,82 1,42 8,05
Clamath River (below Mwy 101 bridge) Frinity River basia (above Willow Creek) Salance of Klamath system Subtotals Indian Net Harvest of Clamath River (below Mwy 101 bridge) Clamath River (Hwy 101 to Trinity mouth Frinity River (Hospa Reservation) Subtotals	530 1,450 5,200 7,252 912 1,104 449 2,465	1,714 3,174 1,095 5,983 23,097 8,405 1,531 33,033	2,250 4,630 6,355 13,235 24,009 9,509 1,920 35,498	1,252 2,554 8,678 12,484 290 1,195 314 1,799	3,539 2,321 2,479 8,339 4,547 8,424 1,511 14,482	4,791 4,875 11,157 20,823 4,837 9,619 1,825 16,281	116 175 351 12 121 30 163	Aduks 750 2,360 1,125 4,235 800 5,700 1,390 7,890	81 2,47 1,30 4,58 81 5,82 1,42 8,05
Clamath River (below Mwy 101 bridge) Frinity River basia (above Willow Creek) Salance of Klamath system Subtotals Indian Net Harvest of Clamath River (below Mwy 101 bridge) Clamath River (Hwy 101 to Trinity mouth Frinity River (Hospa Reservation) Subtotals	530 1,450 5,200 7,252 912 1,104 449 2,465	1,714 3,174 1,095 5,983 23,097 8,405 1,531 33,033	2,250 4,630 6,355 13,235 24,009 9,509 1,920 35,498	1,252 2,554 8,678 12,484 290 1,195 314 1,799	3,539 2,321 2,479 8,339 4,547 8,424 1,511 14,482	4,791 4,875 11,157 20,823 4,837 9,619 1,825 16,281	116 175 351 12 121 30 163	Aduks 750 2,360 4,235 4,235 4,235 800 5,700 1,390 7,890 12,125	\$1 2,47 1,30 4,58 81 5,82 1,42 8,05
Clamath River (below Mwy 101 bridge); Frinity River basis (above Willow Creek; Balance of Klamath system Subtotals indian Net Harvest of Clamath River (below Rwy 101 bridge); Clamath River (Hwy 101 to Trinity mouth Frinity River (House Reservation) Subtotals Total En-siver Harvest	536 1,456 5,200 7,252 912 1,104 449 2,465	1,714 3,174 1,095 5,983 23,097 8,405 1,531 33,033 39,916	2,250 4,630 6,355 13,235 24,009 9,509 1,980 35,498 48,733	1,252 2,554 8,678 12,484 290 1,195 314 1,799 14,283	3,539 2,321 2,479 8,339 4,547 8,424 1,511 14,482 22,821	4,791 4,875 11,175 20,823 4,837 9,619 1,825 16,281 37,104	60 116 175 351 12 121 30 163	Aduks 750 2,360 1,125 4,235 800 5,700 1,390 7,890	\$1 2,47 1,30 4,58 81 5,82 1,42 8,05
Clamath River (below Mwy 101 bridge) Frinity River basia (above Willow Creek) Salance of Klamath system Subtotals Indian Net Harvest of Clamath River (below Mwy 101 bridge) Clamath River (Hwy 101 to Trinity mouth Frinity River (Houna Reservation) Subtotals Total En-siver Harvest	530 1,456 5,200 7,252 1,104 449 2,465 9,717	1,714 3,174 1,095 5,983 23,097 8,405 1,531 33,033 39,916	2,250 4,630 6,355 13,235 24,009 9,509 1,980 35,498 48,733 IN-RAYER	1,252 2,554 2,078 12,484 290 1,195 314 1,799 14,283	3,539 2,321 2,479 8,339 4,547 8,424 1,511 14,482 22,821	4,791 4,875 11,157 20,823 4,837 9,619 1,825 16,281	116 175 351 12 121 30 103 514	Aduks 750 2,360 1,125 4,235 800 5,700 1,390 7,890 12,125	\$1 2,47 1,30 4,58 \$1 5,82 1,42 \$,05
Clamath River (below Mwy 101 bridge) Frinity River basia (above Willow Creek) Balance of Klamath system Subtotals Indian Net Harvest of Clamath River (below Mwy 101 bridge) Clamath River (Hwy 101 to Trinity mouth Frinty River (Hwy 101 to Trinity mouth Frinty River (Hossa Reservation) Subtotals Total En-river Harvest Lotals In-river Marvest and Bacapement	530 1,456 5,200 7,252 912 1,104 449 2,465 9,717 Grilse 27,708	1,714 3,174 3,174 5,983 5,983 23,097 8,405 1,531 33,033 39,016 1081 Adults 77,298	2,250 4,630 6,355 13,235 24,009 9,509 1,980 35,498 48,733 IN-R2YER Totals 105,006	1,252 2,554 2,678 12,484 290 1,195 314 1,799 14,283 RUN	3,539 2,321 2,479 8,339 4,547 8,424 1,511 14,482 22,821	4,791 4,875 11,157 20,823 4,837 9,619 1,825 16,281 37,104	60 116 175 351 12 121 30 103 514	Aduks 750 2,360 1,125 4,235 800 5,700 1,390 7,890 12,125	21 2,47 1,30 4,58 21 5,82 1,42 8,05 12,63
Clamath River (below Mwy 101 bridge) Frinity River basia (above Willow Creek) Salance of Klamath system Subtotals Indian Net Harvest of Clamath River (below Mwy 101 bridge) Clamath River (Hwy 101 to Trinity mouth Frinity River (Houna Reservation) Subtotals Total En-siver Harvest	530 1,450 5,200 7,252 1,104 449 2,465 9,717	1,714 3,174 1,095 5,983 23,097 8,405 1,531 33,033 39,916	2,250 4,630 6,355 13,235 24,009 9,509 1,980 35,498 48,733 IN-RAYER	1,252 2,554 2,078 12,484 290 1,195 314 1,799 14,283	3,539 2,321 2,479 8,339 4,547 8,424 1,511 14,482 22,821	4,791 4,875 11,157 20,823 4,837 9,619 1,825 16,281	116 175 351 12 121 30 103 514	Aduks 750 2,360 1,125 4,235 800 5,700 1,390 7,890 12,125	\$1 2,47 1,30 4,58 81 5,82 1,42 8,05

(continued next page

Dogs 3 of 5

		SPA	MARK ENC	APEMENT					
1		1984			1985			1986	
Hatchery Spawners	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Iron Gate Matchery (IGH)	764	5,330	6,094	2,159	19,951	22,110	1.461	17,096	18,55
Trinity River Hatchery (TRH)	766	2,166	2,932	18,100	2,583	20,749	3,609	15,795	19,40
Subtotals	1,530	7,496	9,026	20,325	22,534	42,859	5,070	32,891	37,96
Natural Spawners Trinity River basin									
(above Willow Crook, excluding TLH)	3,416	5,654	9,070	29,454	9,217	38,671	20,459	92,548	113,00
Salmon River basin	216 p/	1,226 ø/	1,442 g/	905	2,259	3,164	949	2,716	3,66
Scott River basin	358	1,443	1,201	1,357	3,051	4,408	4,265	3,176	8,04
Shasta River basin	480	2,362	2,842	2,227	2,297	5,124	643	3,274	3,95
Bogus Creek basin	465	3,039	3,504	1,156	3,491	4,647	1,164	6,124	7,30
Main Stern Klamath River (rachding 1981)	200	1,350	1,550	156	468	624	196	603	79
Misc. Klamath tributaries									
(above Hoops and Yusok Reservations)	150	990	1,140	646	4,214	4,860	606	4,919	5,52
Hoopa and Yurok Reservation tribs.	W	b/	b/	50 tv			b/	b	117.53
Subtotals	5,285	16,064	21,349	35,951	25,677	01,628	28,942	113,360	142,30
Total Spawner Escapement	6,815	23,560	30,375	\$6,276	46,211	104,487	34,012	146,251	180,26
		18 1984	-RIVER IL	ARVEST	1083			1986	
Ander Harrest	Grilse		Totals	Grilse	1985 Adults	Totals	Grilse	198a Aduks	Totals
	Grilse	1984				Totals 3,900	Grilse 704		
Klamath River (below Hwy 101 bridge)		1984 Adults	Totals	Grilse	Adults			Adults	3,16
Klamath River (below Hwy 101 bridge) Trinity River basin (above Willow Creek)	175	1984 Adults 548	Totals 723	Grilse 1,479	Adults 2,427 #	3,900	704	Adults 2,450	3,10
Klamath River (below Hwy 101 bridge) Trinity River basin (above Willow Creek) Balance of Klamath system	175 393	1984 Adults 548 736	Totals 723 1,129	Grilse 1,479 5,442	2,427 v 154 v	3,900 5,590	704 3,438	2,450 12,939	Totals 3,100 15,47 11,791 30,43:
Klamath River (below Hwy 101 bridge) Trin ity River basin (above Willow Creek) Balance of Klamath system Subtotals	175 393 384	1984 Adults 548 736 2,056	Totals 723 1,129 2,440	Grilse 1,479 5,442 4,274	Adults 2,427 v 154 v 1,001 v	3,900 5,596 5,275	704 3,438 5,266	2,450 12,939 6,532	3,160 15,47 11,79
Kinmath River (below Hwy 101 bridge) Trinity River basin (above Willow Creek) Ralance of Klamath system Subtotals Indian Net Harvest e/	175 393 384	1984 Adults 548 736 2,056	Totals 723 1,129 2,440	Grilse 1,479 5,442 4,274	Adults 2,427 v 154 v 1,001 v	3,900 5,596 5,275	704 3,438 5,266	2,450 12,939 6,532	3,160 15,47' 11,790 30,43:
Klamath River (below Hwy 101 bridge) Trinity River basin (above Willow Creek) Balance of Klamath system Subtotals Indian Net Harvest e/ Klamath River (below Hwy 101 bridge)	175 393 384 952	1984 Adults 548 736 2,056 3,340	Totals 723 1,129 2,440 4,292	Grilse 1,479 5,442 4,274 11,195	Adults 2,427 # 154 # 1,001 # 3,582 #	3,900 5,590 5,275 14,777	704 3,438 5,266 9,408	2,450 12,939 6,532 21,027	3,160 15,47 11,791
Klamath River (below Hwy 101 bridge) Trin ity River basin (above Willow Creek) Ralance of Klamath system Subtotals Indian Net Harvest e' Klamath River (below Hwy 101 bridge) Klamath River (Hwy 101 to Trinity mouth Trinity River (Hoopa Reservation)	175 393 384 952 132 183 140	1984 Adults 548 736 2,056 3,340	Totals 723 1,129 2,440 4,292 12,010 \$,805 1,310	Grilse 1,479 5,442 4,274 11,195	Adults 2,427 v 154 v 1,001 v 3,582 v 5,700 3,925 1,941 v	3,900 5,596 5,275 14,777 5,832 4,401 2,888 y	704 3,438 5,260 9,408	Aduks 2,450 12,039 6,532 21,027 15,286 5,033 4,808	3,10 13,47 11,79 30,43 13,47 5,41 5,09
Klamath River (below Hwy 101 bridge) Trin ity River basin (above Willow Creek) Ralance of Klamath system Subtotals Indian Net Harvest e' Klamath River (below Hwy 101 bridge) Klamath River (Hwy 101 to Trinity mouth Trinity River (Hoopa Reservation)	175 393 384 952	1984 Adults 548 736 2,056 3,340	Totals 723 1,129 2,440 4,292	Grilse 1,479 5,442 4,274 11,195	Adults 2,427 v 154 v 1,001 v 3,582 v 5,700 3,925	3,900 5,590 5,275 14,777 5,832 4,401	704 3,438 5,266 9,408	Aduks 2,450 12,039 6,532 21,027	3,10 13,47 11,79 30,43 13,47 5,41 5,09
Angher Harvest Klamath River (below Hwy 101 bridge) Trinity River basin (above Willow Creek) Balance of Klamath system Subtotals Indian Net Harvest e/ Klamath River (below Hwy 101 bridge) Klamath River (Hwy 101 to Trinity mouth Trinity River (Hoops Reservation) Subtotals Total In-river Harvest	175 393 384 952 132 183 140	1984 Adults 548 736 2,056 3,340	Totals 723 1,129 2,440 4,292 12,010 \$,805 1,310	Grilse 1,479 5,442 4,274 11,195	Adults 2,427 v 154 v 1,001 v 3,582 v 5,700 3,925 1,941 v	3,900 5,596 5,275 14,777 5,832 4,401 2,888 y	704 3,438 5,260 9,408	Aduks 2,450 12,039 6,532 21,027 15,286 5,033 4,808	3,16 15,47 11,79 30,43 15,47 5,41 5,09 25,98
Kinninh River (below Hwy 101 bridge) Trinky River basin (above Willow Creek): Balance of Klamath system Subtotals Indian Net Harvest e/ Klamath River (below Hwy 101 bridge) Klamath River (Hwy 101 to Trinity mouth Trinity River (Hoopa Reservation) Subtotals	175 393 384 952 132 183 140 455	1984 Adults 548 736 2,056 3,340 11,278 5,622 1,170 18,670	Totals 723 1,129 2,440 4,292 12,010 \$,805 1,310 19,125	Grilse 1,479 5,442 4,274 11,195 132 476 947 y 1,555	3,582 v 5,700 3,925 1,941 y 11,506	3,900 5,590 5,275 14,777 5,832 4,401 2,888 y	704 3,438 5,266 9,408 191 377 286 854	Aduks 2,450 12,039 6,532 21,027 15,286 5,033 4,808 25,127	3,16 15,47 11,79 30,43 15,47 5,41 5,09 25,98
Kinninh River (below Hwy 101 bridge) Trinky River basin (above Willow Creek): Balance of Klamath system Subtotals Indian Net Harvest e/ Klamath River (below Hwy 101 bridge) Klamath River (Hwy 101 to Trinity mouth Trinity River (Hoopa Reservation) Subtotals	175 393 384 952 132 183 140 455	1981 Adults 548 736 2,056 3,340 11,478 5,622 1,170 18,670	Totals 723 1,129 2,440 4,292 12,010 5,805 1,310 19,125 23,417	Grilse 1,479 5,442 4,274 11,195 132 476 947 y 1,555	Adults 2,427 y 154 y 1,001 x 3,582 y 5,700 3,925 1,941 y 11,506	3,900 5,590 5,275 14,777 5,832 4,401 2,888 y	704 3,438 5,266 9,408 191 377 286 854	Aduks 2,450 12,039 6,532 21,027 15,286 5,033 4,808 25,127 46,134	3,16 15,47 11,79 30,43 15,47 5,41 5,09 25,98
Klamath River (below Hwy 101 bridge) Trinky River basin (above Willow Creek): Balance of Klamath system Subtotals Indian Net Harvest e/ Klamath River (below Hwy 101 bridge) Klamath River (Hwy 101 to Trinity mouth Trinity River (Hoopa Reservation) Subtotals Total In-river Harvest	175 393 384 952 132 183 140 455	1981 Adults 548 736 2,056 3,340 11,278 5,622 1,170 18,670 22,010	Totals 723 1,129 2,440 4,292 12,010 5,805 1,310 19,125 23,417 IN-RIVER	Grilse 1,479 5,442 4,274 11,195 132 476 947 y 1,555 12,750 RUN	Adults 2,427 / 154 / 1,501 / 3,582 / 3,582 / 3,582 / 1,941 / 11,506 15,148	3,900 5,590 5,275 14,777 5,832 4,401 2,889 y 13,121 27,898	704 3,438 5,260 9,408 191 377 286 854	Aduks 2,450 12,039 6,532 21,027 15,286 5,033 4,808 25,127 40,134	3,161 15,47' 11,79' 30,43: 15,47' 5,41' 5,09' 25,98'
Kinnish River (below Hwy 101 bridge) Trinky River basin (above Willow Creek): Balance of Klamath system Subtotals Indian Net Harvest e/ Klamath River (below Hwy 101 bridge) Klamath River (Hwy 101 to Trinity mouth Trinity River (Hoopa Reservation) Subtotals Total In-river Harvest	175 393 384 952 132 183 140 455	1981 Adults 548 736 2,056 3,340 11,878 5,622 1,170 18,670 22,010	Totals 723 1,129 2,440 4,292 12,010 5,005 1,310 19,125 23,417 Totals	Grilse 1,479 5,442 4,274 11,195 132 476 947 / 1,555 12,750 RUN Grilse	Adults 2,427 v 154 v 1,001 v 3,582 v 5,700 3,925 1,941 v 11,506 15,148	3,900 5,990 5,275 14,777 5,832 4,401 2,888 y 13,121 27,898	704 3,438 5,260 9,408 191 377 286 854 10,262	Aduks 2,450 12,030 6,532 21,027 15,286 5,033 4,808 25,127 46,154	3,101 15,47 11,791 30,43: 15,47 5,41 5,09 25,98 56,41
Klamath River (below Hwy 101 bridge) Trinky River basin (above Willow Creek): Balance of Klamath system Subtotals Indian Net Harvest e/ Klamath River (below Hwy 101 bridge) Klamath River (Hwy 101 to Trinky mouth Trinky River (Hoopa Reservation) Subtotals Total In-river Harvest In-river Harvest In-river Harvest	175 393 384 952 132 183 140 455 1,407	1981 Adults 548 736 2,056 3,340 11,278 5,622 1,170 18,670 22,010	Totals 723 1,129 2,440 4,292 12,010 5,805 1,310 19,125 23,417 IN-RIVER	Grilse 1,479 5,442 4,274 11,195 132 446 947 y 1,555 12,750 RUN Grilse 69,026	Adults 2,427 v 154 v 1,001 v 3,582 v 5,700 3,925 1,941 v 11,506 15,148 1985 Adults 63,359	3,900 3,900 5,275 14,777 5,832 4,401 2,888 y 13,121 27,898	704 3,438 5,260 9,408 191 377 286 854 10,262 Grilse 44,274	Aduks 2,450 12,030 6,532 21,027 15,286 5,033 4,808 25,127 46,1\$4	3,161 15,47' 11,79' 30,43: 15,47' 5,41' 5,09' 25,98'
Klamath River (below Hwy 101 bridge) Trinky River basin (above Willow Creek): Balance of Klamath system Subtotals Indian Net Harvest e/ Klamath River (below Hwy 101 bridge) Klamath River (Hwy 101 to Trinity mouth Trinity River (Hoopa Reservation) Subtotals Total In-river Harvest	175 393 384 952 132 183 140 455 1,407	1981 Adults 548 736 2,056 3,340 11,878 5,622 1,170 18,670 22,010	Totals 723 1,129 2,440 4,292 12,010 5,805 1,310 19,125 23,417 IN-REVER Totals 53,792	Grilse 1,479 5,442 4,274 11,195 132 476 947 / 1,555 12,750 RUN Grilse	Adults 2,427 v 154 v 1,001 v 3,582 v 5,700 3,925 1,941 v 11,506 15,148	3,900 5,990 5,275 14,777 5,832 4,401 2,888 y 13,121 27,898	704 3,438 5,260 9,408 191 377 286 854 10,262	Aduks 2,450 12,030 6,532 21,027 15,286 5,033 4,808 25,127 46,154	3,10 15,47 11,79 30,43 15,47 5,41 5,09 25,98 56,41

Page 4 of to

		SPA	T. E. Salar	CAN MICH SHALL					
		1987			1988			1989	
Hatchery Spawners	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
ron Gate Hatchery (IGH)	1,825	15,189	17,014	609	16,106	16,715	831	10,859	11,690
Trinity River Hatchery (TRH)	2,453	13,934	16,387	4,752	17.352	22,104	239	11,132	11,371
Subtotals	4,278	29,123	33,401	5,361	33,458	38,819	1,070	21,991	23,061
Natural Spawners Trinity River basin									
(above Willow Creek, excluding TRIII)	5,949	71,920	77,869	10,626	44,610	55,242	2,543	29,445	31.988
Sakmon River basin	118	3.832	3.950	327	3,273	3,600	695	2.915	3,610
Scott River basin	797	7,769	8,566	473	4,727	5,200	1,188	3,000	4,188
Shasta River basin	398	4,299	4.697	256	2,586	2,842	137	1,440	1,377
logus Creek basin	1,208	9,748	10.956	225	16,215	16.440	444	2,218	2,662
Jain Stem Klarnth River	1,200	7,/40	10,930	123	10,215	10,440	444	2,218	2,002
(exclusion IGH)	65	863	928	164	2.982	3,146	214	110.1	1,225
disc. Klamath tributaries	03	803	926	104	2,362	3,170	214	1,011	1,423
(above Hosea and Yurch Reservations)	237	2 204	2 622	418	4,167		248	4 220	
Loons and Ynrok Reservation tribs.	431	3,286	3,523	55 W		4,585	40 N	3,239 600 k	3,487
Subtotals	8,772	101,717	110,489	12,544	79,386	91,930	5,509	43,868	49,377
Publicans	8,772	101,717	110,409	12,344	79,389	91,930	3,309	43,808	49,377
Total Spawner Escapement	13,050	130,840	143,890	17,905	112,844	130,749	6,579	65,359	72,438
			CRIVER II	ARVEST	1000			10.90	
t relea Warrest	Q-ile-	1987			1988	Terrila	Q-il-	1989	Tatala
	Orilse	1987 Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Clamath River (below Hwy 101 bridge)	140	1787 Adults 2,455	Totals 2,601	Grilse 124	Adults 3,367	3,491	137	Adults 1,328	1,465
Klamath River (below Hwy 101 bridge) Frinity River basin (above Willow Creek)	140 923	1787 Adults 2,455 9,433	Totals 2,601 10,356	Grilse 124 2,735	3,367 9,341	3,491	137 209	Adults 1,328 3,054	1,465
Klamath River (below Hwy 101 bridge) Frinity River basin (above Willow Creek) Balance of Klamath system	923 4,367	Adults 2,455 9,433 8,281	Totals 2,601 10,356 12,648	Grilse 124 2,735 2,552	Adults 3,367 9,341 9,495	3,491 12,076 12,047	137 209 1,921	Adults 1,328 3,054 4,393	1,465 3,263 6,314
Clarnath River (below Hwy 101 bridge) Frinity River basin (above Willow Creek) Balance of Klarnath system Subtotals	140 923	1787 Adults 2,455 9,433	Totals 2,601 10,356	Grilse 124 2,735	3,367 9,341	3,491	137 209	Adults 1,328 3,054	1,465
Clamath River (below Hwy 101 bridge) Frinity River basin (above Willow Creek) Balance of Klamath system Subtotals Indian Net Harvest e/	146 923 4,367 5,436	Adults 2,455 9,433 8,281 20,169	Totals 2,601 10,356 12,648 25,605	Grilse 124 2,735 2,552 5,411	Adults 3,367 9,341 9,495 22,203	3,491 12,076 12,047 27,614	137 209 1,921 2,267	Adults 1,328 3,054 4,393 8,775	1,465 3,263 6,314 11,042
Clamath River (below Hwy 101 bridge) Frinky River basin (above Willow Creek) Balance of Klamath system Subtotals Indian Net Harvest e/ Clamath River (below Hwy 101 bridge)	146 923 4,367 5,436	Adults 2,455 9,433 8,281 20,169	Totals 2,601 10,356 12,648 25,605	Grilse 124 2,735 2,552 5,411	Aduks 3,367 9,341 9,495 22,203	3,491 12,076 12,047 27,614	137 209 1,921 2,267	Adults 1,328 3,054 4,393 8,775	1,465 3,263 6,314 11,042
Clarnath River (below Hwy 101 bridge) Frinity River basin (above Willow Creek) Balonce of Klarnath system indica Net Harvest Clarnath River (below Hwy 101 bridge) Clarnath River (flwy 101 to Trinity mouth)	146 923 4,367 5,436	Adults 2,455 9,433 8,281 20,169 39,978 8,136	Totals 2,601 10,356 12,648 25,605	Grilse 124 2,735 2,552 5,411	Aduks 3,367 9,341 9,495 22,203 36,914 9,667	3,491 12,076 12,047 27,614 37,052 9,840	137 209 1,921 2,267	Adults 1,328 3,054 4,393 8,775 37,130 4,961	1,465 3,263 6,314 11,042 37,130 8,061
Clarnath River (below Hwy 101 bridge) Frinity River basin (above Willow Creek) Balonce of Klamath system Subtotals Indian Net Harvest e Clarnath River (below Hwy 101 bridge) Clarnath River (Hwy 101 to Trinity mouth) Frinity River (Hoona Reservation)	146 923 4,367 5,436 36 117 262	Adults 2,455 9,433 8,281 20,169 39,978 8,136 4,982	Totals 2,601 10,356 12,648 25,605 40,014 8,253 5,244	Grilse 124 2,735 2,552 5,411 138 173 267	3,367 9,341 9,495 22,203 36,914 9,667 5,070	3,491 12,076 12,047 27,614 37,052 9,840 5,337	137 209 1,921 2,267	Adults 1,328 3,654 4,393 8,775 37,130 4,961 3,474	1,465 3,263 6,314 11,042 37,130 5,061 3,545
Angler Harvest Clarnath River (below Hwy 101 bridge) Frinity River basin (above Willow Creek) Balance of Klarnath system Subtotals Indian Net Harvest e/ Klarnath River (below Hwy 101 bridge) Clarnath River (Hwy 101 to Trinity mouth) Frinity River (Hoona Reservation) Subtotals	36 117 262 415	Adults 2,455 9,433 8,281 20,169 39,978 8,136 4,982 53,096	Totals 2,601 10,356 12,648 25,605 40,014 8,253 5,244 53,511	Grilse 124 2,735 2,552 5,411 138 173 267 578	Adults 3,367 9,341 9,495 22,203 36,914 9,667 5,070 51,651	3,491 12,076 12,047 27,614 37,052 9,840 5,337 52,229	137 209 1,921 2,267 0 120 71	Adults 1,328 3,054 4,393 8,775 37,130 4,961 3,474 45,565	1,465 3,263 6,314 11,042 37,130 5,081 3,545 45,756
Clarnath River (below Hwy 101 bridge) Frinity River basin (above Willow Creek) Balonce of Klamath system Subtotals Indian Net Harvest e Clarnath River (below Hwy 101 bridge) Clarnath River (Hwy 101 to Trinity mouth) Frinity River (Hoona Reservation)	146 923 4,367 5,436 36 117 262	Adults 2,455 9,433 8,281 20,169 39,978 8,136 4,982	Totals 2,601 10,356 12,648 25,605 40,014 8,253 5,244	Grilse 124 2,735 2,552 5,411 138 173 267	3,367 9,341 9,495 22,203 36,914 9,667 5,070	3,491 12,076 12,047 27,614 37,052 9,840 5,337	137 209 1,921 2,267	Adults 1,328 3,654 4,393 8,775 37,130 4,961 3,474	1,465 3,263 6,314 11,042 37,130 5,061 3,545
Clarnath River (below Hwy 101 bridge) frinity River basin (above Willow Creek) alonce of Klarnath system subtotals milian Net Harvest e/ Clarnath River (below Hwy 101 bridge) Clarnath River (Hwy 101 to Trinity mouth) frinity River (Hoona Reservation) subtotals	36 117 262 415	Adults 2,455 9,433 8,281 20,169 39,978 8,136 4,982 53,096	Totals 2,601 10,356 12,648 25,605 40,014 8,253 5,244 53,511 79,116	Grilse 124 2,735 2,755 2,552 5,411 138 173 267 578	Adults 3,367 9,341 9,495 22,203 36,914 9,667 5,070 51,651	3,491 12,076 12,047 27,614 37,052 9,840 5,337 52,229	137 209 1,921 2,267 0 120 71	Adults 1,328 3,054 4,393 8,775 37,130 4,961 3,474 45,565	1,465 3,263 6,314 11,042 37,130 5,081 3,545 45,756
Clarnath River (below Hwy 101 bridge) frinity River basin (above Willow Creek) alonce of Klarnath system subtotals milian Net Harvest e/ Clarnath River (below Hwy 101 bridge) Clarnath River (Hwy 101 to Trinity mouth) frinity River (Hoona Reservation) subtotals	36 117 262 415	Adults 2,455 9,433 4,281 20,169 39,978 6,136 4,982 53,096	Totals 2,601 10,356 12,648 25,605 40,014 8,253 5,244 53,511	Grilse 124 2,735 2,755 2,552 5,411 138 173 267 578	Adults 3,367 9,241 9,495 22,203 36,914 9,667 5,070 51,651 73,854	3,491 12,076 12,047 27,614 37,052 9,840 5,337 52,229	137 209 1,921 2,267 0 120 71	Adults 1,328 3,054 4,393 8,775 37,130 4,961 3,474 45,565 54,340	1,465 3,263 6,314 11,042 37,130 5,081 3,545 45,756
Clarnath River (below Hwy 101 bridge) frin by River basin (above Willow Creek; lalonce of Klarnath system indican Net Harvest e/ Clarnath River (below Hwy 101 bridge) Clarnath River (flow) 101 to Trinity mouth frinity River (Hoona Reservation) indicated to the first three thr	36 117 262 4,367 5,436 36 117 262 415	Adults 2,455 9,433 8,281 20,169 39,978 8,136 4,982 53,096 73,265	Totals 2,601 10,356 12,648 25,605 40,014 9,253 5,244 53,511 79,116	Grilse 124 2,735 2,552 5,411 138 173 267 578 5,989	Aduks 3,367 9,241 9,495 22,203 36,914 9,667 5,070 51,051 73,854	3,491 12,076 12,047 27,614 37,092 9,840 5,337 52,229	137 209 1,921 2,267 0 120 71 191	Adults 1,328 3,054 4,393 8,775 37,130 4,961 3,474 45,565 54,340	1,465 3,263 6,314 11,042 37,130 5,081 3,545 45,756 56,798
Clarnath River (below Hwy 101 bridge) frinity River basin (above Willow Creek) alonce of Klarnath system subtotals milian Net Harvest e/ Clarnath River (below Hwy 101 bridge) Clarnath River (Hwy 101 to Trinity mouth) frinity River (Hoona Reservation) subtotals Total In-river Harvest	146 923 4,567 5,436 36 117 202 415 5,#\$1	Adults 2,455 9,433 8,281 20,169 39,978 8,136 4,982 53,090 73,265	Totals 2,601 10,356 12,648 25,605 40,014 8,253 5,244 53,511 79,116 IN REVER	Grilse 124 2,735 2,552 5,411 138 173 207 578 8.000	Aduks 3,367 9,341 9,495 22,203 36,914 9,667 5,070 51,651 73,854	3,491 12,076 12,047 27,614 37,952 9,840 5,337 52,229 79,843	137 209 1,921 2,267 0 120 71 191 2,438	Adults 1,328 3,054 4,393 8,775 37,130 4,961 3,474 45,565 54,340	1,465 3,263 6,314 11,042 37,130 5,081 3,545 45,756 56,798
Clarnath River (below Hwy 101 bridge) Frinity River basin (above Willow Creek) Salance of Klarnath system Subtotals Indian Net Harvest e/ Clarnath River (below Hwy 101 bridge) Clarnath River (Hwy 101 to Trinity mouth) Frinity River (Hoona Reservation) Subtotals Total In-river Harvest Letals a-river Harvest and Escapement	146 923 4,367 5,436 36 117 262 415 \$\$\$1	Adults 2,455 9,433 8,281 20,169 39,978 8,136 4,982 53,096 73,265	Totals 2,601 10,356 12,648 25,605 40,014 8,253 5,244 53,511 79,116 IN-REVER Totals 223,006	Grilse 124 2,735 2,552 5,411 134 173 267 578 RUN Grilse 23,894	Adults 3,367 9,241 9,495 22,203 36,914 9,467 5,070 51,651 73,854	3,491 12,076 12,047 27,614 37,052 9,840 5,337 52,229 79,843	137 209 1,921 2,267 0 120 71 191 2,438 Grilse 9,037	Adults 1,328 3,054 4,393 8,775 37,130 4,961 3,474 45,565 54,340 (080) Adults 120,199	1,465 3,263 6,314 11,042 37,130 5,061 3,545 45,756 56,798
Clarnath River (below Hwy 101 bridge) Frinity River basin (above Willow Creek) Balance of Klarnath system indian Net Harvest e/ Clarnath River (below Hwy 101 bridge) Clarnath River (Hwy 101 to Trinity mouth) Frinity River (Hoona Reservation) indian Total In-river Harvest Total In-river Harvest Letals a-river Harvest and Escapement Angling Mostality (2.04% of harvest) #	36 36 37 36 36 36 37 36 37 36 37 38 38 38 38 38 38 38 38 38 38 38 38 38	Adults 2,455 9,433 4,281 20,169 39,978 8,136 4,982 53,096 73,265	Totals 2,601 10,336 12,648 25,605 40,014 8,253 5,244 53,511 79,116 IN-RIVER Totals 223,006 523	Grilse 124 2,735 2,552 5,411 138 173 267 578 5,989 RUN Grilse 23,894 110	Aduks 3,367 9,241 9,495 22,203 36,914 9,667 51,651 73,854	3,491 12,076 12,047 27,614 37,052 9,840 5,337 52,229 79,843	137 209 1,921 2,267 0 120 71 191 2,438 Grilse 9,037 46	Adults 1,328 3,054 4,393 8,775 37,130 4,961 3,474 45,565 54,340 1089 Adults 120,199 179	1,465 3,263 6,314 11,042 37,130 5,081 3,545 45,756 56,798 Totals 129,236 225
Clarnath River (below Hwy 101 bridge) Frinity River basin (above Willow Creek) Salance of Klarnath system Subtotals Indian Net Harvest e/ Clarnath River (below Hwy 101 bridge) Clarnath River (Hwy 101 to Trinity mouth) Frinity River (Hoona Reservation) Subtotals Total In-river Harvest Letals a-river Harvest and Escapement	146 923 4,367 5,436 36 117 262 415 \$\$\$1	Adults 2,455 9,433 8,281 20,169 39,978 8,136 4,982 53,096 73,265	Totals 2,601 10,356 12,648 25,605 40,014 8,253 5,244 53,511 79,116 IN-REVER Totals 223,006	Grilse 124 2,735 2,552 5,411 134 173 267 578 RUN Grilse 23,894	Adults 3,367 9,241 9,495 22,203 36,914 9,467 5,070 51,651 73,854	3,491 12,076 12,047 27,614 37,052 9,840 5,337 52,229 79,843	137 209 1,921 2,267 0 120 71 191 2,438 Grilse 9,037	Adults 1,328 3,054 4,393 8,775 37,130 4,961 3,474 45,565 54,340 (080) Adults 120,199	1,465 3,263 6,314 11,042 37,130 5,061 3,545 45,756 56,798

Page 5 of 1

		SPA'	WNER ESC	APEMENT					
		1990			1991			1992	
Hatchery Spawners	Grifse	Adults	Totals	Grilse	Adults	Totals	Grilse	Aduks	Totals
ron Gate Hatchery (IGH)	321	6,719	7,040	65	4,002	4,067	3,737	3,581	7,318
Trinity River Hatchery (TRH)	371	1,348	1,719	205	2,482	2,687	211	3,779	3,990
Subtotals	692	\$,067	8,759	270	6,484	6,754	3,948	7,300	11,308
Natural Spawners Trinity River basin									
(above Willow Creek, excluding IR.II)	241	7,682	7,923	382	4,867	5,249	2,563	7,139	9,702
Salmon River basin	596 F	4,071 F	4,667 #	143	1,337	1,480	547	778	1,325
Scott River basin	236	1,379	1,615	146	2,019	2,165	965	1,873	2,831
Shasta River besin	118	415	533	10	716	726	66	\$20	586
Bogus Creek basin	53	732	785	20	1,261	1,281	556	598	1,154
Main Stem Klamath River (excluding 1011)	59	505	564		\$72	580	234	366	•00
Misc. Klarrath tributaries									
(above Hoops and Yurok Reservations)	30	694	724	9	495	504	153	280	433
Hoona and Yurok Reservation tribs.	17 W	118 6	135 W	0 10		382 W	59 W	474 W	533
Subtotals	1,350	15,596	16,946	718	11,649	12,367	5,143	12,028	17,171
Total Spawner Escapement	2,042	23,663	25,705	968	18,133	19,121	9,091	19,388	28,475
		1990	CRIVER H.	ARVEST	1991			1992	
Angler Harvest	Grilse		t-RIVER H.	Grilse	1991 Adults	Totals	Grilse	1992 Adults	Totals
	Grilse 58	1990		بسير		Totals 333	13		33
Angler Harvest Klamath River (below Mwy 101 bridge) Trin ity River basia (above Willow Creek)		100n Adults	Totals	Grilse	Adults			Adults	33
Klamath River (below Hwy 101 bridge) Trinity River basis (above Willow Creek) Balance of Klamath system	58 22 2,020	1090 Adults 291 328 2,934	Totals 349 350 4,954	Grilse 19 94 573	314 1,177 1,892	333 1,271 2,465	13 158 3,949	20 314 668	472 4,617
Clarrath River (below Mwy 101 bridge) Frinity River basin (above Willow Creek) Balance of Klamoth system	58 22	1990 Adults 291 328	Totals 349 350	Grilse 19 94	Adults 314 1,177	333 1,271	13 158	Aduks 20 314	Tetals 33 472 4,617 5,122
Klarrath River (below Mwy 101 bridge) Frin ity River basia (above Willow Creek) Balance of Klamoth system Subtotals	58 22 2,020	1090 Adults 291 328 2,934	Totals 349 350 4,954	Grilse 19 94 573	314 1,177 1,892	333 1,271 2,465	13 158 3,949	20 314 668	33 472 4,617 5,122
Klarnath River (below Mwy 101 bridge) Trin ity River basin (above Willow Creek) Balance of Klamoth avatem Subtotals Indian Net Harvest e/ Klarnath River (below Mwy 101 bridge)	58 22 2,020 2,100	1000 Adults 291 328 2,934 3,553	Totals 349 350 4,954 5,653	Grilse 19 94 573 686	Adults 314 1,177 1,892 3,383	333 1,271 2,465 4,069	13 158 3,949 4,120	Aduks 20 314 668 1,002	33 472 4,617 5,122
Klamath River (below Mwy 101 bridge) Frin ity River basia (above Willow Creek) Balance of Klamath system Subtotals Indian Net Harvest e/ Klamath River (below Mwy 101 bridge) Klamath River (Mwy 101 to Trinity mouth	58 22 2,020 2,100	1990 Adults 291 328 2,934 3,553	Totals 349 350 4,954 5,653	Grilse 19 94 573 686	Aduks 314 1,177 1,892 3,383 3,902 \$,016	333 1,271 2,465 4,069 3,909 5,041	13 158 3,949 4,120	Aduks 20 314 668 1,002	33 472 4,617 5,122 1,274 3,887
Klamath River (below Mwy 101 bridge) Frin ity River basia (above Willow Creek) Balance of Klamath system Subtotals Indian Met Harvest e/ Klamath River (below Mwy 101 bridge) Klamath River (flwy 101 to Trinity mouth Trinity River (flwy 101 to Trinity mouth	58 22 2,020 2,100	1090 Adults 291 328 2,934 3,553 3,648 3,447 811	Totals 349 350 4,954 5,653 3,661 3,588 847	Grilse 19 94 573 686	Aduks 314 1,177 1,892 3,383 3,902 8,016 1,280	333 1,271 2,465 4,069 3,909 5,041 1,310	13 158 3,949 4,120	Aduks 20 314 668 1,002	33 472 4,617 5,122 1,274 3,887 988
Klamath River (below Mwy 101 bridge) Frin ity River basia (above Willow Creek) Balance of Klamath system Subtotals Indian Met Harvest e/ Klamath River (below Mwy 101 bridge) Klamath River (flwy 101 to Trinity mouth Trinity River (flwy 101 to Trinity mouth	58 22 2,020 2,100	1990 Adults 291 328 2,934 3,553	Totals 349 350 4,954 5,653	Grilse 19 94 573 686	Aduks 314 1,177 1,892 3,383 3,902 \$,016	333 1,271 2,465 4,069 3,909 5,041	13 158 3,949 4,120	Aduks 20 314 668 1,002	33 472 4,617 5,122 1,276 3,887 981
Klamath River (below Hwy 101 bridge)	58 22 2,020 2,100	1090 Adults 291 328 2,934 3,553 3,648 3,447 811	Totals 349 350 4,954 5,653 3,661 3,588 847	Grilse 19 94 573 686	Aduks 314 1,177 1,892 3,383 3,902 8,016 1,280	333 1,271 2,465 4,069 3,909 5,041 1,310	13 158 3,949 4,120	Aduks 20 314 668 1,002	33 472 4,617 5,122 1,274 3,887 981 0,151
Klamath River (below Rwy 101 bridge) Frinty River basia (above Willow Creek: Balance of Klamath avstem) Subtotals Indian Net Harvest e/ Klamath River (below Rwy 101 bridge) Klamath River (flwy 101 to Trinity mouth Trinity River (Roua Reservation)	58 22 2,920 2,100 13 141 36 190	3,648 3,648 3,447 111 7,906	Totals 349 350 4,954 5,053 3,661 3,588 847 8,096	Grilse 19 94 573 686 7 25 30 62	314 1,177 1,892 3,383 3,902 5,016 1,280	333 1,271 2,465 4,069 3,909 5,041 1,310 10,260	13 158 3,949 4,120 124 200 42 360	Adults 20 314 668 1,002 1,132 3,687 946 5,785	33 472 4,617 5,122 1,274 3,887 981 0,151
Clarrath River (below Rwy 101 bridge) Frin by River basia (above Willow Creek; Balance of Klamoth avisem) Subtotals Indian Not Harvest e/ Clarrath River (below Rwy 101 bridge) Clarrath River (Rwy 101 to Trinity mouth Trinity River (Rooma Reservation) Subtotals	58 22 2,920 2,100 13 141 36 190	Adults 291 328 2,934 3,553 3,648 3,447 811 7,906	Totals 349 350 4,954 5,953 3,661 3,588 847 8,096	Grilse 19 94 573 686 7 25 30 62	Adults 314 1,177 1,892 3,383 3,902 \$,016 1,280 10,198	333 1,271 2,465 4,069 3,909 5,041 1,310 10,260	13 158 3,949 4,120 124 200 42 360	Aduks 20 314 668 1,002 1,152 3,647 946 5,785	33 477 4,617 5,122 1,276 3,887 981 0,15
Chresth River (below Rwy 101 bridge) Frinty River basia (above Willow Creek; Balance of Klamoth system Subtotals Indian Net Harvest e/ Clamath River (below Rwy 101 bridge) Clamath River (Rwy 101 to Trinity mouth Trinity River (Roya Reservation) Subtotals Total In-river Harvest	58 22 2,920 2,100 13 141 36 190	1000 Adults 291 328 2,934 3,553 3,648 3,447 811 7,906	Totals 349 350 4,954 5,653 3,661 3,588 847 8,096 13,749 EN-RIVER	Grilse 19 94 573 686 7 25 30 62	Adults 314 1,177 1,892 3,383 3,902 \$,016 1,280 10,198 13,581	333 1,271 2,465 4,069 3,909 5,641 1,310 10,260	13 158 3,949 4,120 124 200 42 360	Aduks 20 314 668 1,002 1,152 3,647 946 5,785	33 472 4,617 5,122 1,274 3,887 981 0,151
Clamath River (below Rwy 101 bridge) Frinty River basia (above Willow Creek: Balance of Klamath system Subtotals Indian Net Harvest e/ Klamath River (below Rwy 101 bridge) Klamath River (ffwy 101 to Trinity mouth Trinity River (Roua Reservation) Subtotals Total In-river Harvest	\$8 22 2,020 2,100 13 141 36 190 2,290	Adults 291 328 2,934 3,553 3,648 3,447 811 7,906	Totals 349 350 4,954 5,653 3,661 3,588 847 8,090 13,749 Totals	Grilse 19 94 573 686 7 25 30 62 748 RUN	Adults 314 1,177 1,892 3,383 3,902 5,016 1,280 10,198 13,581	333 1,271 2,405 4,009 3,909 5,041 1,310 10,200 14,329	13 158 3,949 4,120 124 200 42 360 4,486	Aduks 20 314 668 1,002 1,152 3,687 946 5,785 6,787	33 472 4,617 5,122 1,274 3,80 988 6,151
Clareath River (below Rwy 101 bridge) Frinity River basia (above Willow Creek; Balance of Klamoth system Subbotals Indian Net Harvest e/ Klarnath River (below Mwy 101 bridge) Klarnath River (Rwy 101 to Trinity mouth Frinity River (Room Reservation) Subbotals Total In-river Harvest Indian Met Harvest and Bacapement	38 22 2,020 2,100 13 141 36 190 2,290	1000 Adults 291 328 2,934 3,553 3,648 3,447 811 7,906 11,459	Totals 349 350 4,954 5,653 3,661 3,588 847 8,096 13,749 EN-RIVER	Grilse 19 94 573 686 7 25 30 62 748	Adults 314 1,177 1,892 3,383 3,902 \$,016 1,280 10,198 13,581	333 1,271 2,465 4,069 3,909 5,641 1,310 10,260	13 158 3,949 4,120 124 200 42 300 4,430	Aduks 20 314 668 1,002 1,152 3,647 946 5,785	33 472 4,617 5,122 1,274 3,807 981 0,151
Clareath River (below Rwy 101 bridge) Frin by River basia (above Willow Creek; Balance of Klameth avisem) Subtotals Indian Net Harvest e/ Clareath River (below Rwy 101 bridge) Clareath River (Rwy 101 to Trinity mouth Trinity River (Rooma Reservation) Subtotals Total In-river Harvest	38 22 2,020 2,100 13 141 36 190 2,290 Grilse 4,332	Adults 291 328 2,934 3,553 3,648 3,447 8111 7,906 11,459	Totals 349 350 4.954 5.653 3,661 3,88 847 8,090 13,749 EN-RIVER Totals 39,454	Grilse 19 94 573 686 7 25 30 62 748 RUN	Adults 314 1,177 1,892 3,383 3,902 5,016 1,280 10,198 13,581 1001 Adults 31,714	333 1,271 2,405 4,009 3,909 5,641 1,310 10,260 14,329	13 158 3,949 4,120 124 200 42 360 4,486	Aduks 20 314 668 1,002 1,152 3,687 946 5,783 6,787	33 472 4,617 5,122 1,274 3,87 6,151 11,273

(continued next page

Page 6 of 1

		SPAV	VNER ESC/	APEMENT					
		1003		14	1994			1995	
Hatchery Spawners	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Iron Gate Hatchery (IGH)	883	20.828	21,711	758	13,208 =/	14,566	259	22,681 =	22,940
Trinity River Hatchery (TRH)	736	815	1,551	4,442	3,264	7,706	76	15,178	15,254
Subtotals	1,619	21,643	23,262	5,200	17,072	22,272	335	37,859	38,194
Natural Spawners Trinity River basin									
(above Willow Creek, excluding TRM)	2,465	5,905	8,370	2,505	10,906	13,411	9,262	77,876	87,138
Salmon River basin	456	3,077	3,533	277	3,216	3,493	1,335	4,140	5,475
Scott River basin	265	5,035	5,300	505	2,358	2,863	3,279	11,198	14,477
Shasta River basin	85	1,341	1,426	1,840	3,363	5,203	695	12,816	13,511
Bogus Creek basin	431	3,285	3,716	443	7,817	8,260	1,207	45,225	46,432
Main Stern Klarnoth River (exclusing 1881)	31 n/	647 n/	678 N	625 N	3,249 n/	3,874 W	768 n/	6,472 N	7,240
Misc. Klamath tributaries									
(above Hoops and Yorok Reservations)	92	2,470	2,502	50	1,202	1,252	744 e/	3,654 0/	4,398
Hoopa and Yurok Reservation tribs.	0 tv	98 N	98 t/	0 N	222 N	222 N	34 p/	413 p/	447
Subtotals	3,825	21,858	25,683	6,245	32,333	38,578	17,324	161,794	179,118
Total Spawner Escapement	5,444	43,501	48,945	11,445	49,405	60,250	17,659	199,653	217,312
		1N 1993	-RIVER IIA	RVEST	1994			1995	
Angler Harvest	Grilse	1993				Totals	Grilse		Totals
	Grilse 23	1993 Adults	Totals	Grilse	Adults	Tetals 908	Grilse 323	Adults	Totals
Klamath River (below Mwy 101 bridge;	Grilse 23	1993						Adults	Totals 1,279 3,333
Angler Harvest Klamath River (below Rwy 101 bridge; Trinity River basin (above Willow Creek; Balance of Klamath system	23 172	Adults 009	Totals 692	Grilse 240	Adults 002	908	323	Adults 956	1,279
Klamath River (below Rwy 101 bridge; Trinity River basin (above Willow Creek; Balance of Klamath system	23	100X Adults 069 391	Totals 692 563	Grilse 240 547	Adults 002 260	908 807	323 554	956 2,779	1,279 3,333 5,889
Klamath River (below Nwy 101 bridge; Trinisy River basin (above Willow Creek; Balance of Klamath system Subtotals	172 1,730	Adults 009 391 2,112	Totals 692 563 3,842	Grilse 240 547 1,763	Adults 002 260 910	908 807 2,673	323 \$54 3,543	956 2,779 2,346 q/	1,279 3,333 5,889
Klamath River (below Mwy 101 bridge; Trinity River basin (above Willow Creek; Balance of Klamath system Subtotals Indian Net Harvest of	172 1,730	Adults 009 391 2,112	Totals 692 563 3,842	Grilse 240 547 1,763	Adults 002 260 910	908 807 2,673	323 \$54 3,543	956 2,779 2,346 q/	1,279
Klamath River (below Nwy 101 bridge) Trinity River basin (above Willow Creek) Balance of Klamath system Subtotals Indian Net Harvest of Klamath River (below Nwy 101 bridge)	172 1,730 1,925	Adults 069 391 2,112 3,172	Totals 692 563 3,842 5,097	Grilse 240 547 1,763 2,556	Adults 602 260 910 1,832	908 807 2,673 4,388	323 \$54 3,543 4,420	956 2,779 2,346 q/ 6,081	1,279 3,333 5,889 10,501
Klarnath River (below Rwy 101 bridge; Trinity River basin (above Willow Creek; Balance of Klamath system Subtotals Indian Net Harvest of Klarnath River (below Rwy 101 bridge; Klarnath River (Rwy 101 to Trinity mouth	172 1,730 1,925	1093 Adults 069 391 2,112 3,172	Totals 692 563 3,842 5,097	Grilse 240 547 1,763 2,556	Adults 002 260 910 1,832	908 807 2,673 4,388	323 354 3,543 4,420	Adults 950 2,779 2,346 q/ 6,081	1,279 3,333 5,889 10,501
Klamath River (below Mwy 101 bridge; Trin ity River basin (above Willow Creek; Balance of Klamath system Subtotels Indian Net Harvest of Klamath River (below Mwy 101 bridge; Klamath River (Mwy 101 to Trin ity mouth Trin ity River (Hooga Reservation)	172 1,730 1,925	Adults 069 391 2,112 3,172	Totals 692 563 3,842 5,097	Grilse 240 547 1,763 2,556	Adults 002 260 910 1,832 4,362 5,064	908 807 2,673 4,388 4,443 5,182	323 554 3,543 4,420	Adults 950 2,779 2,340 q/ 0,081 5,119 7,055	1,279 3,333 5,889 10,501 5,256 7,207
Klamath River (below Mwy 101 bridge;	23 172 1,730 1,925	3,017 5,127 1,492	Totals 692 563 3,842 5,097	Grilse 240 547 1,763 2,556 81 118 94	Adults 002 260 910 1,832 4,362 5,064 2,266	908 807 2,673 4,388 4,443 5,182 2,360	323 554 3,543 4,420	Adults 950 2,779 2,340 q/ 0,081 5,119 7,055 3,383	1,279 3,333 5,889 10,501 5,256 7,207 3,651 10,114
Klamath River (below Rwy 101 bridge; Trinity River basin (above Willow Creek; Balance of Klamath system Subtotals Indian Net Harvest of Klamath River (below Rwy 101 bridge; Klamath River (Rwy 101 to Trinity mouth Trinity River (Hooga Reservation) Subtotals	23 172 1,730 1,925 62 80 33 175	3,017 5,127 1,492 9,636	Totals 692 563 3,842 5,097 3,079 5,207 1,525 9,811	Grilse 240 547 1,763 2,556 81 118 94 293	Adults 002 260 910 1,832 4,362 5,064 2,266 11,692	908 807 2,673 4,388 4,443 5,182 2,360 11,585	323 554 3,543 4,420 137 192 268 557	956 2,779 2,346 a/ 6,081 5,119 7,035 3,383 15,557	1,279 3,333 5,889 10,501 5,256 7,207 3,651 10,114
Klamath River (below Rwy 101 bridge; Trinity River basin (above Willow Creek; Balance of Klamath system Subtotals Indian Net Harvest of Klamath River (below Rwy 101 bridge; Klamath River (Rwy 101 to Trinity mouth Trinity River (Hooga Reservation)	23 172 1,730 1,925 62 80 33 175	3,017 5,127 1,492 9,636	Totals 692 563 3,842 5,097 3,079 5,207 1,525 9,811	Grilse 240 547 1,763 2,556 81 118 94 293	Adults 002 260 910 1,832 4,362 5,064 2,266 11,692	908 807 2,673 4,388 4,443 5,182 2,360 11,585	323 554 3,543 4,420 137 192 268 557	Adults 950 2.779 2.346 q/ 6,081 5,119 7,035 3,383 15,557 21,638	1,279 3,333 5,889 10,501 5,256 7,207 3,651 10,114
Klamath River (below Rwy 101 bridge; Trinity River basin (above Willow Creek; Balance of Klamath system Subtotals Indian Net Harvest of Klamath River (below Hwy 101 bridge; Klamath River (Rwy 101 to Trinity mouth Trinity River (Blooma Reservation) Subtotals Total In-river Harvest	23 172 1,730 1,925 62 80 33 175	1993 Adults 069 391 2,112 3,172 3,017 5,127 1,492 9,636 12,808	Totals 692 563 3,842 5,097 3,079 5,207 1,525 9,811 14,908	Grilse 240 547 1,763 2,556 81 118 49 293 2,849 RUN	Adults 002 260 910 1,832 4,362 5,064 2,266 11,692 13,524	908 807 2,673 4,388 4,443 5,182 2,360 11,985	323 554 3,543 4,420 137 192 208 557	Adults 950 2,779 2,346 a/ 6,081 5,119 7,085 3,383 15,557 21,638	1,279 3,333 5,889 10,501 5,256 7,207 3,051 10,114 26,615
Klamath River (below Rwy 101 bridge; Frinity River basin (above Willow Creek; Balance of Klamath system Subtotals Indian Net Harvest of Klamath River (below Hwy 101 bridge; Klamath River (Hwy 101 to Trinity mouth Trinity River (Hooda Reservation) Subtotals Total In-river Harvest	23 172 1,730 1,925 62 80 33 175 2,100	1993 Adults 069 391 2,112 3,172 3,017 5,127 1,492 9,636 12,808	Totals	Grilse 240 547 1,763 2,550 81 118 94 293 2,849 RUN	Adults 002 260 910 1,832 4,362 5,064 2,266 11,692 13,524 Adults	908 807 2,673 4,388 4,443 5,182 2,360 11,585 16,373	323 554 3,543 4,420 137 192 208 557 4,977	Adults 956 2,779 2,346 q/ 6,081 5,119 7,095 3,383 15,557 21,638	1,279 3,333 5,889 10,501 5,256 7,207 3,051 10,114 26,615
Kinmath River (below Rwy 101 bridge; Trinity River basin (above Willow Creek; Balance of Klamath system Subtotals Indian Net Harvest of Klamath River (below Hwy 101 bridge; Klamath River (Hwy 101 to Trinity mouth Trinity River (Hoopa Reservation) Subtotals Total In-river Harvest Totals In-river Harvest	23 172 1,730 1,925 62 80 33 175 2,100	1994 Adults 069 391 2,112 3,172 3,017 8,127 1,492 9,636 12,808	Totals 692 563 3,842 5,097 3,079 5,207 1,525 9,311 14,908 Totals 63,853	Grilse 240 547 1,703 2,550 81 118 94 293 2,849 RUN	Adults 002 260 910 1,832 4,362 5,064 2,266 11,692 13,524	908 807 2,673 4,388 4,443 5,182 2,360 11,985	323 554 3,543 4,420 137 192 208 557	Adults 950 2,779 2,346 a/ 6,081 5,119 7,085 3,383 15,557 21,638	1,279 3,333 5,889 10,501 5,256 7,207 3,651 10,114 26,613
Klamath River (below Rwy 101 bridge; Frinity River basin (above Willow Creek; Balance of Klamath system Subtotals Indian Net Harvest of Klamath River (below Hwy 101 bridge; Klamath River (Hwy 101 to Trinity mouth Trinity River (Hooda Reservation) Subtotals Total In-river Harvest	23 172 1,730 1,925 62 80 33 175 2,100	1993 Adults 069 391 2,112 3,172 3,017 5,127 1,492 9,636 12,808	Totals	Grilse 240 547 1,763 2,550 81 118 94 293 2,849 RUN	Adults 002 260 910 1.832 4,362 5,064 2,266 11,692 13,524 Adults 62,929	908 807 2,673 4,388 4,443 5,182 2,360 11,585 16,373	323 554 3,543 4,420 137 132 208 557 4,977	Adults 950 2,779 2,346 q/ 0,081 5,119 7,055 3,383 15,557 21,638	1,279 3,333 5,889 10,501 5,256 7,207 3,051 10,114 26,615

(continued must page

Page 7 of 1

		SPA	WITHER ESS.	APEMENT					
	B-015	1006	- 247		1997	9		1998	
Hatchery Spawners	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
ron Gate Katchery (IGH)	543	13,622	14,105	452	13,275	13,727	403	14,923	15,326
Trinity River Hatchery (TRH)	249	6,411	6,660	820	5,387	6,207	192	14,296	14,488
Subtetals	792	20,033	20,825	1,272	18,662	19,934	595	29,219	29,814
Natural Spawners Trinity River basin									
(above Willow Creek, encluding BRII)	4,478	42,040	47,124	2,845	11,507	14,352	1,974	24,460	26,434
Salmon River basin	274	5,189	5,463	217	5,783	6,000	116	1,337	1,453
Scott Liver basin	145	11,952	12,097	277	8,284	8,561	266	3,061	3,327
Shasta River basin	46	1,404	1,450	334	1,667	2,001	76	2,466	2,542
Bogns Creek basin	377	10,420	10,797	221	9,209	10,030	205	6,630	6,235
Main Stern Klamath River			- 0	1					
(meluling 1001) Misc. Klarnath-Trinity tributaries	218 1/	2,790 ₩	3,008 n/	104 a/	3,472 N	3,376 ₩	109 ₩	2,913 W	3,022 :
(shore Hopes and Yurok Reservations)	581 a/	5.804 of	6.385 of	174 o/	5.174 e/	5,348 0/	83 0/	1,232 o/	1,315
Hoona and Yurok Reservation tribs.	55 s/	1,121 p	1,176 p/	53 pi	448 №	501 p	26 p/	389 p/	415
Subtotals	6,174	81,326	\$7,500	4,225	46,144	50,369	2,855	42,488	45,343
Total Spawner Escapement	6,966	101,359	101,325	5,497	64,396	70,303	3,450	71,707	75,157
			N-RIVER H	ARVEST					
Andre Harris	Q-il-	1996			S 1997		Q-il-	1998	Totals
	Grilse	1996 Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Klamath River (below Nwy 101 bridge)	100	1996 Adults 3,110	Totals 3,210	Grilse 49	Adults 2,182	2,231	124	Adults 1,003	1,727
Klamath River (below Hwy 101 bridge) Klamath River (Hwy 101 to Coon Cr Falls	100	1996 Adults 3,110 4,052	Totals 3,210 5,180	Grilse 49 1,226	2,182 \$12	2,231 1,738	124 406	1,003 1,270	1,727
Klamath River (below Nwy 101 bridge) Klamath River (Mwy 101 to Coon Cr Falls Trinity River basin (above Willow Creek)	100 1,128 331	1996 Adults 3,110 4,052 1,214	Totals 3,210 5,180 1,545 #	Grilse 49 1,226 353	2,182 \$12 1,331	2,231 1,738 1,684 s/	124 406 275	Adults 1,003 1,270 3,262	1,727 1,676 3,537
Klamath River (below Nwy 101 bridge) Klamath River (Nwy 101 to Coon Cr Falls Trinity River basin (above Willow Creek) Balance of Klamath system	100	1996 Adults 3,110 4,052	Totals 3,210 5,180	Grilse 49 1,226	2,182 \$12	2,231 1,738	124 406	1,003 1,270	1,727 1,676 3,537
Klamath River (below Nwy 101 bridge) Klamath River (Nwy 101 to Coon Cr Falls Trinky River basin (above Willow Creek) Balance of Klamath system Subtotals	100 1,128 331 753	Adults 3,110 4,052 1,214 4,390	Totals 3,210 5,180 1,545 # 5,143	Grilse 49 1,226 353 781	Adults 2,182 \$12 1,331 1,051	2,231 1,738 1,684 s/ 2,432 v	124 406 275 303	Adults 1,003 1,270 3,262 1,575	1,727 1,676 3,537 1,878
Klamath River (below Nwy 101 bridge) Klamath River (Nwy 101 to Coon Cr Falls Trinky River basin (above Willow Creek) Balance of Klamath system Subtotals Indian Net Harvest e/	100 1,128 331 753	Adults 3,110 4,052 1,214 4,390	Totals 3,210 5,180 1,545 # 5,143	Grilse 49 1,226 353 781	Adults 2,182 \$12 1,331 1,051	2,231 1,738 1,684 s/ 2,432 v	124 406 275 303	Adults 1,003 1,270 3,262 1,575	1,727 1,676 3,537 :
Klamath River (below Nwy 101 bridge) Klamath River (Nwy 101 to Coon Cr Falls Trinity River basin (above Willow Creek) Balance of Klamath system Subtotals Indian Net Harvest of Klamath River (below Hwy 103 bridge)	100 1,128 331 753 2,312	1996 Adults 3,110 4,052 1,214 4,390 12,700	Totals 3,210 5,180 1,545 # 5,143 15,078	Grilse 49 1,226 3\$3 7\$1 2,409	Adults 2,182 \$12 1,331 1,051 5,676	2,231 1,738 1,684 w 2,432 v 8,085	124 406 275 303 1,108	Adults 1,003 1,270 3,262 1,575 7,710 s/	1,727 1,676 3,537 1,878 2,818
Klamath River (below Nwy 101 bridge) Klamath River (Nwy 101 to Coon Cr Falls Trinity River basin (above Willow Creek) Balance of Klamath system Subtotals Indian Net Harvest e/ Klamath River (below Hwy 101 bridge) Klamath River (Hwy 101 to Trisity mouth	100 1,128 331 753 2,312	1996 Adults 3,110 4,052 1,214 4,390 12,706	Totals 3,210 5,180 1,545 # 5,143 15,078	Grilse 49 1,226 353 781 2,409	Adults 2,182 512 1,331 1,051 5,676	2,231 1,738 1,684 s/ 2,432 v 8,085	124 406 275 303 1,108	Aduks 1,003 1,270 3,262 1,575 7,710 x/	1,727 1,676 3,537 1,878 2,818
Klamath River (below Nwy 101 bridge) Klamath River (Nwy 101 to Coon Cr Falls Trinky River basin (above Willow Creek) Balance of Klamath system Subtotals Indian Net Harvest e/ Klamath River (below Hwy 101 bridge) Klamath River (Nwy 101 to Trinky mouth Trinky River (Hoson Reservation)	100 1,128 331 753 2,312	1996 Adults 3,110 4,952 1,214 4,390 12,700	Totals 3,210 5,180 1,545 # 5,143 15,078 49,276 4,612	Grilse 49 1,226 353 781 2,409	Adults 2,182 512 1,331 1,051 5,676	2,231 1,738 1,684 s/ 2,432 v 8,085	124 406 275 303 1,108	Adults 1,003 1,270 3,262 1,575 7,710 s/	1,727 1,676 3,537 1,878 2,318 3,479 5,230
Klamath River (below Nwy 101 bridge) Klamath River (Hwy 101 to Coon Cr Falls Trinky River basin (above Willow Creek) Balance of Klamath system Subtotals Indian Net Harvest e/ Klamath River (below Hwy 101 bridge) Klamath River (Hwy 101 to Trinity mouth Trinity River (Hoson Reservation)	100 1,128 331 753 2,312	1996 Adults 3,110 4,952 1,214 4,390 12,700	Totals 3,210 5,180 1,545 # 5,143 15,078 49,276 4,612 2,778	Grilse 49 1,226 353 781 2,409	Adults 2,182 512 1,331 1,051 5,676 5,574 5,275 1,238	2,231 1,738 1,684 w 2,432 v 8,085 5,595 5,283 1,244	124 406 275 303 1,108	Adults 1,003 1,270 3,262 1,575 7,710 x/ 1,454 5,194 1,535	1,727 1,676 3,537 1,878 8,818 3,479 5,230 1,540
Klamath River (below Nwy 101 bridge) Klamath River (Nwy 101 to Coon Cr Falls Trinity River basin (above Willow Creek) Balance of Klamath system Subtotals Indian Net Harvest of Klamath River (below Hwy 103 bridge) Klamath River (Hwy 101 to Trinity mouth Trinity River (Hogon Reservation) Subtotals	100 1,128 331 753 2,312	1996 Adults 3,110 4,052 1,214 4,390 12,700 49,113 4,593 2,770 56,476	Totals 3,210 5,180 1,545 # 5,143 15,078 49,276 4,612 2,778 \$6,660	Grilse 49 1,226 353 781 2,409	Adults 2,182 \$12 1,331 1,051 5,676 5,574 5,275 1,238 12,087	2,231 1,738 1,684 a/ 2,432 v 8,085 5,593 5,283 1,244 12,122	124 406 275 303 1,108	Adults 1,003 1,270 3,262 1,575 7,710 x 3,454 5,198 1,535 10,187	1,727 1,676 3,537 1,878 2,318 3,479 5,230 1,540 10,240
Klamath River (below Nwy 101 bridge) Klamath River (Nwy 101 to Coon Cr Falls Trinity River basin (above Willow Creek) Balance of Klamath system Subtotals Indian Net Harvest of Klamath River (below Hwy 103 bridge) Klamath River (Hwy 101 to Trinity mouth Trinity River (Hogon Reservation) Subtotals	100 1,128 331 753 2,312	1996 Adults 3,110 4,052 1,214 4,390 12,700 49,113 4,593 2,770 56,476	Totals 3,210 5,180 1,545 5,143 15,078 49,276 4,612 2,778 56,666 71,744	Grilse 49 1,226 353 781 2,409	Adults 2,182 \$12 1,331 1,051 5,676 5,574 5,275 1,238 12,087	2,231 1,738 1,684 a/ 2,432 v 8,085 5,593 5,283 1,244 12,122	124 406 275 303 1,108	Adults 1,003 1,270 3,262 1,575 7,710 x 3,454 5,198 1,535 10,187	1,727 1,676 3,537 1,878 2,318 3,479 5,230 1,540 10,240
Clamath River (below Nwy 101 bridge) Clamath River (Nwy 101 to Coon Cr Falls Trinity River basin (above Willow Creek) Balance of Klamath system Subtotals Indian Net Harvest e/ Clamath River (below Hwy 103 bridge) Clamath River (Hwy 101 to Trinity mouth Trinity River (Heaps Reservation) Subtotals Tetal In-river Harvest	100 1,128 331 753 2,312	4996 Adults 3,110 4,852 1,214 4,390 12,706 49,113 4,593 2,770 56,476	Totals 3,210 5,180 1,545 5,143 15,078 49,276 4,612 2,778 56,666 71,744	Grilse 49 1,226 353 781 2,409	Adults 2,182 512 1,331 1,651 5,676 5,774 5,275 1,235 12,987	2,231 1,738 1,684 a/ 2,432 v 8,085 5,593 5,283 1,244 12,122	124 406 275 303 1,108	Adults 1,003 1,270 3,262 1,575 7,710 3,454 5,194 1,535 10,187	1,727 1,676 3,537 1,878 2,318 3,479 5,230 1,540 10,240
Clamath River (below Nwy 101 bridge) Clamath River (Nwy 101 to Coon Cr Falls Trinity River basin (above Willow Creek) Balance of Klamath system Subtotals Indian Net Harvest e/ Clamath River (below Hwy 103 bridge) Clamath River (Below Hwy 103 bridge) Clamath River (Rwy 101 to Trinity mouth Trinity River (Hoon Reservation) Subtotals Tetal In-river Harvest	100 1,128 331 753 2,312 163 19 8 190	4996 Adults 3,110 4,852 1,214 4,390 12,706 49,113 4,593 2,770 56,476 69,242	Totals 3,210 5,180 1,545 5,143 15,078 49,276 4,612 2,778 56,666 71,744 IN-RIVER	Grilse 49 1,226 353 781 2,409 21 8 6 35 2,444	Adults 2,182 512 1,334 1,651 5,676 5,574 5,275 1,238 12,987	2,231 1,738 1,694 w 2,432 v 8,085 5,293 5,283 1,244 12,122 20,207	124 406 275 303 1,108 16 32 5 53	Adults 1,003 1,270 3,262 1,575 7,710 w 3,454 5,198 1,535 10,187	1,727 1,676 3,537 1,878 8,818 3,470 5,230 1,540 10,240
Clamath River (below Nwy 101 bridge) Clamath River (Hwy 101 to Coon Cr Falls Trinity River basin (above Willow Creek) Balance of Klamath system Subtotals Indian Net Harvest e/ Clamath River (below Hwy 101 bridge) Clamath River (Hwy 101 to Trinity mouth Trinity River (Hoona Reservation) Subtotals Total In-river Harvest Kotals n-river Harvest and Bacapement	100 1,128 331 753 2,312 163 19 8 190 2,502	1996 Adults 3,110 4,952 1,214 4,390 12,706 49,113 4,593 2,770 56,476 69,242	Totals 3,210 5,180 1,545 # 5,143 15,078 49,276 46,12 2,778 56,666 71,744 IN-RIVER	Grilse 49 1,226 353 781 2,409 21 8 6 35 2,444 RUN	Adults 2,182 512 1,334 1,651 5,676 5,574 5,275 1,238 12,067 17,763	2,231 1,738 1,684 s/ 2,432 v 8,085 5,595 5,283 1,244 12,122 20,207	124 406 275 303 1,108 16 32 5 53 1,161	Adults 1,003 1,270 3,262 1,575 7,710 w 1,454 5,198 1,535 10,187 17,897	1,727 1,676 3,537 1,878 8,818 3,470 5,230 1,540 10,240 Totals
Clamath River (below Nwy 101 bridge) Clamath River (Nwy 101 to Coon Cr Falls Trinity River basin (above Willow Creek) Balance of Klamath system Subtotals Indian Net Harvest of Clamath River (below Hwy 101 bridge) Clamath River (Rwy 101 to Trinity mouth Trinity River (Rwy 101 to Trinity mouth Trinity River (Rossa Reservation) Subtotals Total in-river Harvest In-river Harvest In-river Harvest In-river Harvest of Paralla In-river Harvest of Parall	100 1,128 331 753 2,312 103 19 8 190 2,602	1996 Adults 3,110 4,952 1,214 4,390 12,706 49,113 4,593 2,770 56,476 69,242	Totals 3,210 5,180 1,545 # 5,143 15,078 49,276 4,612 2,778 56,666 71,744 IN-RIVEF	Grilse 49 1,226 353 781 2,409 21 8 6 35 2,444 RUN Grilse 7,941	Adults 2,182 512 1,334 1,651 5,676 5,574 5,274 5,278 12,087 17,763	2,231 1,738 1,684 s/ 2,432 v 8,085 5,595 5,283 1,244 12,122 20,207	124 406 275 303 1,108 16 32 53 1,161	Adults 1,003 1,270 3,262 1,575 7,710 w 3,454 5,198 1,535 10,187 17,897	1,727 1,676 3,537 1,878 8,818 3,479 5,230 1,540 10,240 19,0\$8 Totals 94,215
Angler Harvest Klamath River (below Nwy 101 bridge) Klamath River (Nwy 101 to Coen Cr Folls Trinity River basin (above Willow Creek) Balance of Klamath system Subtorals Indian Net Harvest e/ Klamath River (below Hwy 101 bridge) Klamath River (Hwy 101 to Trinity mouth Trinity River (Hoson Reservation) Subtotals Total in-river Harvest In-river Harvest and Bacapement Angling Mortality (2.04% of harvest) # Net Mortality (8.70% of harvest) #	100 1,128 331 753 2,312 163 19 8 199 2,502 Grilse 9,468 47	1996 Adults 3,110 4,852 1,214 4,390 12,706 12,706 49,113 4,593 2,770 56,476 69,242	Totals 3,210 5,180 1,545 5,143 15,078 49,276 4,612 2,778 56,666 71,744 IN_RIVER	Grilse 49 1,226 353 781 2,409 21 8 6 35 2,444 RUN Grilse 7,941 49	Adults 2,182 512 1,334 1,651 5,676 5,574 5,275 1,238 12,987 17,763	2,231 1,738 1,684 w/ 2,432 v 8,085 5,283 1,244 12,122 20,207	124 406 275 303 1,108 1,108 16 32 5 53 1,161	Adults 1,003 1,270 3,262 1,575 7,710 w 3,454 5,198 1,535 10,187 17,897	1,727 1,676 3,537 1,878 8,318 3,470 5,230 1,540 10,240 19,058 Totals 94,215 180

(consissed new page

Page 8 of 1

		SPA						-	
		1999			2000			2001	
Hatchery Spawners	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
ron Gate Hatchery (IGH)	4,830	9,290	14,120	839	71,635	72,474	1,364	37,204	38,568
Trinity River Hatchery (TRH)	2,027	5,037	7,064	1,070	25,976	27,046	267	17,908	18,175
Hatchery Spawner Subtotals:	6,857	14,327	21,184	1,909	97,611	99,520	1,631	55,112	56,743
Natural Spawners									
Main Stem Klamath River n/									
(excluding 1000)	630	1,978	2,608	184	3,271	3,455	1,016	9,832	10,848
Salmon River basin	110	670	780	228	1,544	1,772	743	2,607	3,350
Scott River basin	563	3,021	3,584	524	5,729	6,253	744	5,398	6,142
Shasta River basin	1,901	1,296	3,197	1,271	11,025	12,296	2,641	8,452	11,093
Bogus Creek basin	2,628	3,537	6,165	373	34,678	35,051	648	11,927	12,575
Misc. Klamath tributaries o/									
(above Yurek Reservation)	251	777	1,028	158	1,345	1,503	538	2,240	2,778
Yurok Reservation tribs. (Klamath River) p		381	591	153	796	949	48	488	536
Klamath Natural Spawner Subtotals:	6,293	11,660	17,953	2,891	58,388	61,279	6,378	40,944	47,322
Main Stem Trinity River dd/									
(excluding TLM)	4,154	6,753	10,907	3,376	23,468	26,844	1,336	35,991	37,327 c
Misc. Trinity tributaries of				1					0
(above Hoops Reservation)				103	706	809	27	729	756
Hoona Reservation tribs. (Trinity River) no	0	44	44	24	166	190	6	170	176
Trinity Natural Spawner Subtotals:	4,154	6,797	10,951	3,503	24,340	27,843	1,369	36,890	38,259
Natural Spawner Subtotals: Total Spawner Escapement	19,447	18,457 32,784	28,904 50,088	6,394 8,303	82,728 180,339	89,122 188,642	7,747	77,834 132,946	85,581 142,324
		32,784	50,088	8,303					
		32,784		8,303	180,339			132,946	
Total Spawner Escapement	17,304	32,784 II	50,088 N-RIVER HA	RVEST	180,339	188,442	9,378	132,946	142,324
Total Spawner Escapement Angler Harvest	17,304 Grilse	32,784 IR (999) Aduks	50,088 N-RIVER HA	RVEST Grilse	180,339 2000 Adults	188,642 Totals	9,378 Grilse	132,946 2601 Adults	142.324 Totals
Total Spawner Escapement Angler Harvest Klamath River (below Mwy 101 bridge)	17,304 Grilse 37	32,784 In 1999 Aduks	50,088 N-RIVER HA Totals 214	RVEST Grilse 108	180,339 2000 Aduks 1,190	Totals 1,298	9,378 Grilse 298	2001 Adults 4,620	142,324 Totals 4,918
Total Spawner Escapement Angler Harvest Klarnath River (below Rwy 101 bridge; Klarnath River (Mwy 101 to Coon Cr Falle;	97,304 Grilse 37 869 y	32,784 IF 1999 Aduks 177 1,112 yr	50,088 N-RIVER HA Totals 214 1,981 y	8,303 RVEST Grilse 108 972	180,339 2000) Aduks 1,190 1,006	Totals 1,298 1,978	9,378 Grilse 298 825	132,946 2001 Adults 4,620 1,960	Totals 4,918 2,785
Total Spawner Escapement Angler Harvest Klamath River (below Rwy 101 bridge) Klamath River (flwy 101 to Coon Cr Falle) Klamath River (Coon Cr Falls to ICR)	Grilse 37 869 y 138 w	32,784 II [999 Aduks 177 1,112 y 371 z	50,088 N-RIVER HA Totals 214 1,961 y 709 w	8,303 RVEST Grilse 108 972 117	21001 Adults 1,190 1,006 1,349	Totals 1,298 1,978 1,666 bb/	9,378 Grilse 298 825 242	2001 Adults 4,620 1,960 3,041	Totals 4,918 2,785 3,283
Total Spawner Escapement Angler Harvest Klamath River (below Rwy 101 bridge) Klamath River (flwy 101 to Coon Cr Falle) Klamath River (Coon Cr Falls to ICR)	97,304 Grilse 37 869 y	32,784 IF 1999 Aduks 177 1,112 yr	50,088 N-RIVER HA Totals 214 1,981 y	8,303 RVEST Grilse 108 972	180,339 2000) Aduks 1,190 1,006	Totals 1,298 1,978	9,378 Grilse 298 825	132,946 2001 Adults 4,620 1,960	Totals 4,918 2,785
Total Spawner Escapement Angler Harvest Klarnath River (below Nwy 101 bridge; Klarnath River (Rwy 101 to Coon Cr Falle; Klarnath River (Coon Cr Falls to 1080; Trinity River basin above Weitchper as Angler Harvest Subtotals:	Grilse 37 809 y 138 y 572	32,784 IF 1999 Aduks 177 1,112 y 571 w 422	50,088 N-RIVER HA Totals 214 1,961 y 709 y 994	8,303 RVEST Grilse 108 972 117 385	2000) Adults 1,190 1,006 1,549 1,905	Totals 1,292 1,578 1,666 box 2,290	9,378 Grilse 298 825 242 135	132,946 2001 Adults 4,620 1,960 3,041 2,513	Totals 4,918 2,785 3,283 2,648
Angler Harvest Klamath River (below Rwy 101 bridge; Klamath River (Rwy 101 to Coon Cr Falle; Klamath River (Coon Cr Falle to IOR; Trinity River basin above Weitchner as: Angler Harvest Subtofuls: Indian Net Harvest of	Grilse 37 609 y 138 y 572 1616	32,784 1999 Aduks 177 1,112 yr 571 yr 422 2282	Totals 214 1.961 yr 700 yr 994 3898	8,303 RVEST Grilse 108 972 117 385 1582	2000 Adults 1,190 1,006 1,349 1,905 5650	Totals 1,298 1,978 1,966 box 2,290 7232	9,378 Grilse 298 825 242 135 1,500	2001 Adults 4,520 1,960 3,041 2,513 12,134	Totals 4,918 2,785 3,283 2,648 13,634
Total Spawner Escapement Angler Harvest Klarnath River (below Rwy 101 bridge; Klarnath River (Rwy 101 to Coon Cr Falle; Klarnath River (Coon Cr Falls to IOR); Trinity River basin above Weitchner as: Angler Harvest Subtotals: Indian Net Harvest e/ Klarnath River (below Rwy 101 bridge;	Grilse 37 869 y 138 x 572 1616	31,784 IF 1999 Aduks 177 1,112 yr 571 yr 422 2282	Totals 214 1.981 y 709 y 994 3898	8,363 RVEST Grilse 108 972 117 385 1582	2400 Adults 1,190 1,906 1,349 1,905 5050	Totals 1,291 1,978 1,606 btc 2,290 7232	9,378 Orilse 298 825 242 135 1,500	2001 Adults 4,620 1,960 3,041 2,513 12,134	Totals 4,918 2,785 3,283 2,648 13,634
Total Spawner Escapement Angler Harvest Klarnath River (below 18wy 101 bridge); Klarnath River (Rwy 101 to Coon Cr Falls; Klamath River (Coon Cr Falls to 1018; Trinity River basin above Weitchore say Angler Harvest Subtotals: Indian Net Harvest of Klarnath River (below Hwy 101 bridge); Klarnath River (Blow Hwy 101 bridge);	Grilse 37 809 y 138 x 572 1610	32,784 IR 1099 Aduks 177 1,112 y 571 x 422 2282 4,387 7,295	Totals 214 1,941 y 709 w 994 3898	Grilse 108 972 113 117 385 1582	2000 Adults 1,190 1,006 1,349 1,905 5650	Totals 1,298 1,578 1,666 tot 2,290 7232 17,313 6,315	9,378 Grilse 298 825 242 135 1,500	2001 Adults 4,620 1,960 3,941 2,513 12,134	Totals 4,918 2,785 3,283 13,634
Total Spawner Escapement Angler Harvest Klarnath River (below Rwy 101 bridge) Klarnath River (Rwy 101 to Coon Cr Falle, Klarnath River (Coon Cr Falls so 1GR), Trinity River basin above Weitchner an Angler Harvest Subtotals: Indian Net Harvest Klarnath River (below Rwy 101 bridge) Klarnath River (Stwy 101 to Trinity mouth)	Grilse 37 869 y 138 x 572 1616	31,784 IF 1999 Aduks 177 1,112 yr 571 yr 422 2282	Totals 214 1.981 y 709 y 994 3898	8,363 RVEST Grilse 108 972 117 385 1582	2400 Adults 1,190 1,906 1,349 1,905 5050	Totals 1,291 1,978 1,606 btc 2,290 7232	9,378 Orilse 298 825 242 135 1,500	2001 Adults 4,620 1,960 3,041 2,513 12,134	Totals 4,918 2,785 3,283 2,648 13,634
Total Spawner Escapement Angler Harvest Klarnath River (below Rwy 101 bridge) Klarnath River (Rwy 101 to Coon Cr Falle) Klarnath River (Coon Cr Falls to 10R) Trinity River basin above Weitchner an Angler Harvest Subtotals: Indian Net Harvest Klarnath River (below Rwy 101 bridge) Klarnath River (Mwy 101 to Trinity mouth) Trinity River (Moona Reservation) Indian Net Harvest Subtotals:	Grilse 37 809 y 138 x 572 1616	32,784 IF [999 Aduks 177 1,112 y 571 x 422 2282 4,387 7,295 2,978 14,660	Totals 214 1.961 y 709 y 994 3898 4,513 7,344 3,074 14,931	8,303 RVEST Grilse 108 972 117 385 1582 35 140 128 303	2mit Adults 1,190 1,006 1,549 1,905 5650 17,278 6,175 5,962 29,415	Totals 1,298 1,978 1,666 be/ 2,290 7232 17,313 6,315 6,090 29,718	9,378 Grilse 294 825 242 1,500 261 78 60 399	2001 Adults 4,520 1,960 3,941 2,513 12,134 28,967 4,724 4,954 38,645	Totals 4,918 2,785 3,283 2,648 13,634 29,228 4,802 5,014 39,044
Total Spawner Escapement Angler Harvest Klamath River (below Rwy 101 bridge); Klamath River (Rwy 101 to Coon Cr Falls; Klamath River (Coon Cr Falls to 1GH; Trinity River basin above Weitchnee and Angler Harvest Subtotals: Indian Net Harvest e/ Klamath River (Below Hwy 101 bridge); Klamath River (Wwy 101 to Trinity mouth) Trinity River (Mwy 101 to Trinity mouth) Trinity River (Mwong Reservation)	Grilse 37 609 y 138 y 572 1610	32,784 IF 1999 Aduks 177 1,112 y 422 2282 4,387 7,295 2,978	Totals 214 1,981 y 709 y 994 3898 4,513 7,344 3,074	8,303 RVEST Grilse 108 972 117 38.5 1582	180,339 Adults 1,190 1,905 1,905 5650 17,278 6,175 5,962	Totals 1,298 1,578 1,666 bb/ 2,290 7232 17,313 6,315 6,090	9,378 Grilse 294 825 242 135 1,500	2001 Adults 4,620 1,960 3,941 2,513 12,134 28,967 4,724 4,954	Totals 4,918 2,785 3,283 2,648 13,634 29,228 4,802 5,014
Total Spawner Escapement Angler Harvest Klamath River (below Rwy 101 bridge; Klamath River (Rwy 101 to Coon Cr Falls; Klamath River (Coon Cr Falls to 1038; Trinity River basin above Weitchore as: Angler Harvest Subtotals: Indian Net Harvest Klamath River (below Hwy 101 bridge; Klamath River (Mwy 101 to Trinity mouth) Trinity River (Hoona Reservation) Indian Net Harvest Subtotals:	Grilse 37 809 y 138 x 572 1616	32,784 IF [999 Aduks 177 1,112 y 571 x 422 2282 4,387 7,295 2,978 14,660	Totals 214 1.961 y 709 y 994 3898 4,513 7,344 3,074 14,931	8,303 RVEST Grilse 108 972 117 385 1582 35 140 1,28 303	2mit Adults 1,190 1,006 1,549 1,905 5650 17,278 6,175 5,962 29,415	Totals 1,298 1,978 1,666 be/ 2,290 7232 17,313 6,315 6,090 29,718	9,378 Grilse 294 825 242 1,500 261 78 60 399	2001 Adults 4,520 1,960 3,941 2,513 12,134 28,967 4,724 4,954 38,645	Totals 4,918 2,785 3,283 2,648 13,634 29,228 4,802 5,014 39,044
Total Spawner Escapement Angler Harvest Klamath River (below Rwy 101 bridge; Klamath River (Rwy 101 to Coon Cr Falls; Klamath River (Coon Cr Falls to 1038; Trinity River basin above Weitchore as: Angler Harvest Subtotals: Indian Net Harvest Klamath River (below Hwy 101 bridge; Klamath River (Mwy 101 to Trinity mouth) Trinity River (Hoona Reservation) Indian Net Harvest Subtotals:	Grilse 37 809 y 138 x 572 1616	32,784 IF [999 Aduks 177 1,112 y 571 x 422 2282 4,387 7,295 2,978 14,660	Totals 214 1,941 y 709 y 994 3898 4,513 7,344 3,074 14,931	8,303 RVEST Grilse 108 972 117 385 1582 35 140 1,28 303	2mit Adults 1,190 1,006 1,549 1,905 5650 17,278 6,175 5,962 29,415	Totals 1,298 1,978 1,666 be/ 2,290 7232 17,313 6,315 6,090 29,718	9,378 Grilse 294 825 242 1,500 261 78 60 399	2001 Adults 4,520 1,960 3,941 2,513 12,134 28,967 4,724 4,954 38,645	Totals 4,918 2,785 3,283 2,648 13,634 29,228 4,802 5,014 39,044
Total Spawner Escapement Angler Harvest Klamath River (below Rwy 101 bridge;) Klamath River (Rwy 101 to Coon Cr Falle, Klamath River (Coon Cr Falls to 10RC) Trinity River basin above Weitchner as: Angler Harvest Subtotals: Indian Net Harvest Klamath River (Holow Hwy 101 bridge;) Klamath River (Hwy 101 to Trinity mouth) Trinity River (Honon Reservation) Indian Net Harvest Subtotals: Total In-river Marvest	Grilse 37 809 y 138 x 572 1616	32,784 IR 1099 Aduks 177 1,112 y 571 x 422 2282 4,387 7,295 2,978 14,660 16,942	Totals 214 1,941 y 709 y 994 3898 4,513 7,344 3,074 14,931	8,303 RVEST Grilse 108 972 117 385 1582 35 140 1,28 303	2000 Adults 1,190 1,040 1,549 1,905 5050 17,278 6,175 5,962 29,415	Totals 1,298 1,978 1,666 be/ 2,290 7232 17,313 6,315 6,090 29,718	9,378 Grilse 294 825 242 1,500 261 78 60 399	2001 Adults 4,520 1,960 3,941 2,513 12,134 28,967 4,724 4,954 38,645 50,779	Totals 4,918 2,785 3,283 2,648 13,634 29,228 4,802 5,014 39,044
Total Spawner Escapement Angler Harvest Klarnath River (below Rwy 101 bridge; Klarnath River (Rwy 101 to Coon Cr Falle, Klarnath River (Coon Cr Falls to 1010; Trinity River basin above Weichner an Angler Harvest Subtotals: Indian Net Harvest of Klarnath River (Rwy 101 to Trinity month) Trinity River (Rwy 101 to Trinity month) Indian Net Harvest Subtotals: Total In-river Harvest Total In-river Harvest	Grilse 37 809 y 138 x 572 1610 126 49 90 271	32,784 IF 1999 Aduks 177 1,112 y 571 x 422 2282 4.387 7,295 2,978 14,660 16,942	Totals 214 1,941 y 709 w 994 3898 4,513 7,344 3,074 14,931 18,329 IN-RIVER	8,303 RVEST Grilse 108 972 117 385 1582 35 140 128 303	2001 Adults 1,190 1,905 1,949 1,905 5650 17,278 6,175 5,962 29,415	Totals 1,298 1,978 1,666 by 2,290 7232 17,313 6,315 6,090 29,718	9,378 Grilse 298 825 242 135 1,500 261 78 60 359	2001 Adults 4,520 1,960 3,941 2,513 12,134 23,967 4,724 4,954 38,645 50,779	Totals 4,918 2,785 3,283 2,648 13,634 29,228 4,802 5,014 39,044 52,678
Total Spawner Escapement Angler Harvest Klarnath River (below Skwy 101 bridge; Klarnath River (Rwy 101 to Coon Cr Falle; Klarnath River (Coon Cr Falls to 103t); Trinity River basin above Weitchner as: Angler Harvest Subtotals: Indian Net Harvest Klarnath River (Below Hwy 101 bridge; Klarnath River (Mwy 101 to Trinity mouth) Trinity River (Hoona Reservation) Indian Net Harvest Subtotals: Total In-river Marvest Totals In-river Harvest	Grilse 37 869 y 138 x 572 1616 126 49 90 271 1,887	32,784 IF 1999 Aduks 177 1,112 y 571 y 422 2282 4,387 7,295 2,978 14,660 16,942	Totals 214 1.961 y 709 y 994 3898 4.513 7.344 3.074 14.931 18.229 IN-RIVER	8,303 RVEST Grilse 108 972 117 385 1582 35 140 128 303 1,865 RUN	180,339 Adults 1,190 1,905 1,905 5650 17,278 6,179 5,962 29,415 35,965	Totals 1,292 1,578 1,666 bb/ 2,290 7232 17,313 6,315 6,090 29,718 36,950	9,378 Grilse 294 825 242 135 1,500 261 78 60 399	2001 Adults 4,620 1,960 3,041 2,513 12,134 28,967 4,724 4,954 38,645 50,779	Totals 4,918 2,783 3,283 2,648 13,034 29,228 4,802 5,014 39,044 52,678
Total Spawner Escapement Angler Harvest Klamath River (below Rwy 101 bridge; Klamath River (Rwy 101 to Coon Cr Falls; Klamath River (Coon Cr Falls to 1038; Trinity River basin above Weitchore as: Angler Harvest Subtotals: Indian Net Harvest Klamath River (below Hwy 101 bridge; Klamath River (Mwy 101 to Trinity mouth) Trinity River (Hoona Reservation) Indian Net Harvest Subtotals:	Grilse 37 809 y 138 y 572 1610 126 49 90 271 1,887	32,784 R [999 Aduks 177 1,112 y 571 z 422 2282 4,387 7,295 2,978 14,669 16,942	Totals 214 1.981 y 709 y 994 3898 4.513 7.344 3.074 14,931 18,329 IN-RIVER	8,303 RVEST Grilse 108 972 117 385 1582 35 140 128 303 1,885	2mit Aduls 1,190 1,006 1,549 1,905 5650 17,278 6,179 5,962 29,415 35,965	Totals 1,298 1,978 1,666 bez 2,290 7232 17,313 6,315 6,090 29,718 36,950	9,378 Grilse 294 825 242 135 1,500 261 78 60 399 1,899	2001 Adults 4,620 1,960 3,041 2,513 12,134 28,967 4,724 4,954 38,645 50,779	Totals 4,918 2,785 3,283 2,648 13,634 29,228 4,802 5,014 39,044 52,678

(continued next page

Page 9 of 1

		SPA							
		2002			2003			2004	
Intchery Spawners	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
ron Oate Hatchery (IOH)	1,294	23,607	24,961	290	31,970	32,260	937	10,582	11,519
rimity River Hatchery (TRH)	1,037	3,516	4,553	574	29,812	30,386	1,044	12,399	13,443
Hatchery Spawner Subtotals:	2,331	27,183	29,514	864	61,782	62,646	1,981	22,981	24,962
fain Stem Klamath River n/									
(encluding RGRE)	658	21,050	22,308	298	17,722	18,020	205	5,037	5,242
almon River basin	78	2,669	2,747	73	3,302	3,375	51	282	333
cott River basin	47	4,261	4,308	65	11,988	12,053	22	445	467
hasta River basin	386	6,432	818,6	155	4,134	4,289	129	833	962
ogns Creek basin	304	17,530	17,834	186	15,422	15,610	295	3,493	3,788
fisc. Klamath tributaries of								499	422
(above Yurak flasorvation)	44	1,344	1,388	38	1,761	1,799	80	477	357
urok Reservation tribs. (Klamath River) p	12	339	351	31	1,094	1,125	64	144	208
Klamath Natural Spawner Subtotals:	1,529	54,225	55,754	848	55,423	56,271	846	10,711	11,557
fain Stem Trinity River dd/									
(encluding TRR)	2,230	10,880	13,110	1,065	31,173	32,238	3,722	12,718	16,440
éise. Trinky tributaries o/			***			***			***
(shove Hoops Reservation)	66	324	390	109	602	711	75	258	333
foona Reservation tribs. (Trinity River) p/	42	206	248	80	444	524	42	144	186
Trinity Natural Spawner Subtotals:	2,338	11,410	13,748	1,254	32,219	33,473	3,839	13,120	16,959
Natural Spawner Subtotals:	3,867	65,635	69,502	2,102	87,642	89,744	4,685	23,831	28,516
(variet alawatet Sucrotute)									
Total Spawner Escapement	6,198	92,818	99,016 N-RIVER HA	1,966	149,424	152,590	6,666	46,812	53,478
		92,818	99,016	1,966		152,590	5,666		53,478
Total Spawner Escapement		92,818	99,016	1,966	149,424 2003 Adults	152,390 Totals	6,666 Grilse	46,812	53,478 Totals
Total Spawaer Escapement	6,198	92,818	99,016 N-RIVER HA	2,966 RVEST	2003			2004	
Total Spawner Escapement Angler Harvest (lamsik River (below Hwy 101 bridge)	6,198 Grilse 274	92,818 I 2002 Adults	99,016 N-RIVER HA	2,966 RVEST Grilse	2003 Adults	Totals	Grilse	2ml Adults	Totals
Total Spawner Escapement Angler Harvest Clamath River (below Hwy 101 bridge) Clamath River (Hwy 101 to Coon Cr Falls;	6,198 Grilse 274	92,818 1 2,002 Adults 3,285	99,016 N-RIVER HA Totals 3,559	2,966 RVEST Grilse 180	2103 Aduks 1,589	Totals	Grilse 748	Adults 725	Totals
Total Spawaer Escapement Inder Harvest Lumah River (below Hwy 101 bridge) Lumah River (Rwy 101 so Coon Cr Falls; Lumah River (Coon Cr Falls to 10H;	6,198 Grilse 274 284	92,818 I 2002 Adults 3,285 3,268	99,016 N-RIVER HA Totals 3,559 3,552	2,966 ARVEST Grilse 180 369	2003 Adults 1,589 3,336	Totals 1,769 3,705	Orilse 748 1,493	Adults 725 1,472	Totals 1,473 2,965
Total Spawaer Escapement Inder Harvest Lumah River (below Hwy 101 bridge) Lumah River (Rwy 101 so Coon Cr Falls; Lumah River (Coon Cr Falls to 10H;	Grilse 274 284 93	92,818 2002 Adults 3,285 3,268 3,216	99,016 N-RIVER HA Totals 3,559 3,552 3,309	2,966 RVEST Grilse 110 369 40	2003 Adults 1,589 3,336 2,397	Totals 1,769 3,705 2,437	Grilse 748 1,493 52	2404 Adults 725 1,472 1,266	Totals 1,473 2,905 1,318
Total Spawner Escapement Ingler Harvest Clamath River (below Rwy 101 bridge) Carnath River (Rwy 101 to Coon Cr Falls; Clamath River (Coon Cr Falls to ION; Trinity River hasin above Weitchner as; Angler Harvest Subtotals:	Grilse 274 284 93 219	92,818 1 2002 Adults 3,285 3,216 3,216 726	99,016 N-RIVER HA Totals 3,559 3,552 3,309 945	2,966 RVEST Grilse 180 369 40 225	Adults 1,589 3,336 2,397 2,358 9,680	Totals 1,769 3,705 2,437 2,583	Orilse 748 1,493 52 448	240-4 Adults 725 1,472 1,266 540	Totals 1,473 2,905 1,318 988
Total Spawaer Escapement Inder Harvest (Inmah River (below Hwy 101 bridge) (Inmah River (Riwy 101 to Coon Cr Falls) (Inmah River (Coon Cr Falls to IOH) (Inniv River hasin above Weitchner as/ Angler Harvest Subtotals:	Grilse 274 284 93 219	92,818 1 2002 Adults 3,285 3,216 3,216 726	99,016 N-RIVER HA Totals 3,559 3,552 3,309 945	2,966 RVEST Grilse 180 369 40 225	2003 Aduks 1,589 3,336 2,397 2,358	Totals 1,769 3,705 2,437 2,583	Orilse 748 1,493 52 448	240-4 Adults 725 1,472 1,266 540	Totals 1,473 2,905 1,318 988
Total Spawaer Escapement Indier Harvest Clamath River (below Hwy 101 bridge) Clamath River (Rwy 101 to Coon Cr Falls; Clamath River (Coon Cr Falls to 10H; Frinty River hasin above Weitchner as/ Angler Harvest Subtotals: milian Net Harvest e/ Clamath River (below Hwy 101 bridge)	Grilse 274 284 93 219 870	92,818 2002 Adults 3,285 3,268 3,210 726 10,495	99,016 N-RIVER HA Totals 3,559 3,552 3,309 945 11,365	3,966 RVEST Grilse 180 369 40 225 814	Adults 1,589 3,336 2,397 2,358 9,680	Totals 1,769 3,703 2,437 2,583 10,494	Orilse 748 1,493 52 448 2,741	Adults 725 1,472 1,266 540 4,903	Totals 1,473 2,905 1,318 988 6,744
Total Spawaer Escapement Ander Harvest Lamath River (below Hwy 101 bridge) Clamath River (Rivy 101 to Coon Cr Falls; Lamath River (Coon Cr Falls to 10H; Trinity River basin above Weitchner an/ Angler Harvest Subtotals: ndlan Net Harvest (Communication of the Coon of t	Grilse 274 284 93 219 870	92,818 2002 Adults 3,235 3,268 3,216 726 10,495	99,016 N-RIVER HA Totals 3,559 3,552 3,309 945 11,365	309 40 225 814	Adults 1,589 3,336 2,397 2,358 9,680	Totals 1,769 3,705 2,437 2,583 10,494	Grilse 748 1,493 52 448 2,741	Adults 725 1,472 1,266 540 4,003	Totals 1,473 2,905 1,318 988 6,744
Total Spawner Escapement Angler Harvest Channath River (below Hwy 101 bridge) Channath River (Hwy 101 to Coon Cr Falls; Channath River (Coon Cr Falls to 1014) Tringty River basin above Weitchner an/	Grilse 274 284 93 219 870	92,818 2002 Adults 3,285 3,268 3,216 726 10,495	99,016 N-RIVER HA Totals 3,559 3,552 3,309 945 11,365 20,166 3,298	Grilse 180 369 40 225 814	2003 Adults 1,589 3,336 2,397 2,358 9,680 22,688 4,575	Totals 1,769 3,703 2,437 2,583 10,494	Grilse 748 1,493 52 448 2,741	Adults 725 1,472 1,266 540 4,993	Totals 1,473 2,965 1,318 988 6,744
Total Spawner Escapement Ingler Harvest (Inmath River (below Hwy 101 bridge) (Inmath River (Rwy 101 to Coon Cr Falls) (Inmath River (Coon Cr Falls to 10H) (Innex River hasin above Weitchnes an) Angler Harvest Subtotals: Indian Net Harvest e/ (Inmath River (below Hwy 101 bridge) (Inmath River (Rwy 101 to Trinity mouth) (Init's River Hoons Reservation)	Griise 274 234 93 219 870	92,818 2002 Adults 3,285 3,268 3,216 726 10,495 20,149 3,257 1,168	70tals 3,559 3,552 3,309 945 11,365 20,166 3,298 1,236	Grilse 180 309 40 225 814	2003 Adults 1,589 3,336 2,397 2,358 9,680 22,688 4,575 2,771	Totals 1,769 3,705 2,437 2,583 10,494 22,703 4,592 2,783	Orilse 748 1,493 52 448 2,741 75 73	2004 Adults 725 1,472 1,266 540 4,063	Totals 1,473 2,965 1,318 983 6,744 21,112 3,150 1,709
Total Spawner Escapement Inder Harvest Limmath River (below Hwy 101 bridge) Limmath River (Rwy 101 to Coon Cr Falls; Limmath River (Coon Cr Falls to 10H; Trinky River hasin above Weitchner an' Angler Harvest Subtotals: Indian Net Harvest e' Limmath River (Rwy 101 to Trinity mouth) Trinky River (Hoona Reservation) Indian Net Harvest Subtotals:	Grilse 274 284 93 219 870 17 41 68 126	92,818 2002 Adults 3,285 3,268 3,216 726 10,495 20,149 3,257 1,168 24,574	70tals 3,559 3,552 3,309 945 11,365 20,106 3,298 1,236 24,700	2,966 RVEST 180 369 40 225 814 15 17 12 44 44 658	2,003 Adults 1,589 3,336 2,397 2,352 9,680 22,688 4,575 2,771 30,934	Totals 1,769 3,705 2,437 2,583 10,494 22,703 4,592 2,783 30,678	Grilse 748 1,493 52 448 2,741 75 73 20 168	2.m21 Adults 725 1,472 1,266 540 4,903 21,037 3,677 1,689 25,803	Totals 1,473 2,965 1,318 988 6,744 21,112 3,150 1,709 25,971
Total Spawaer Escapement Angler Harvest Limmah River (below Hwy 101 bridge) Clamath River (Rwy 101 to Coon Cr Falls; Limmah River (Coon Cr Falls to 10H; Trinky River hasin above Weitchner an' Angler Harvest Subtotals: adlian Net Harvest (Clamath River (Below Hwy 101 bridge) Clamath River (Rwy 101 to Trinity mouth) Trinity River (Hoona Reservation) Indian Net Harvest Subtotals:	Grilse 274 284 93 219 870 17 41 68 126	92,818 2002 Adults 3,285 3,268 3,216 726 10,495 20,149 3,257 1,108 24,574 35,060	70tals 3,559 3,552 3,309 945 11,365 20,166 3,298 1,236 24,760	2,966 RVEST 180 369 40 225 814 15 17 12 44 44 658	2003 Adults 1,589 3,336 2,397 2,358 9,680 22,688 4,575 2,771 30,034	Totals 1,769 3,705 2,437 2,583 10,494 22,703 4,592 2,783 30,678	Grilse 748 1,493 52 448 2,741 75 73 20 168	Adults 725 1,472 1,266 540 4,003 21,037 3,977 1,689 25,803	Totals 1,473 2,965 1,318 988 6,744 21,112 3,150 1,709 25,971
Total Spawner Escapement Indier Harvest Limmath River (below Hwy 101 bridge) Clarnath River (Rivy 101 to Coon Cr Falls; Limmath River (Coon Cr Falls to 10H; Trinity River basin above Weitchner an/ Angler Harvest Subtotals: andlan Net Harvest Subtotals: Indian Net Harvest (Nuy 101 to Trinity mouth) Trinity River (Houn Reservation) Indian Net Harvest Subtotals: Total In-river Harvest	Grilse 274 234 93 219 870 17 41 68 126	92,818 2002 Adults 3,285 3,268 3,216 726 10,495 20,149 3,257 1,168 24,574 35,069	99,016 N-RIVER HA Totals 3,559 3,552 3,309 945 11,365 20,106 3,298 1,236 24,700 36,065	2,966 RVEST 180 309 40 225 814 15 17 12 44 44 658 RUN RUN	2003 Adults 1,589 3,336 2,357 2,352 9,680 22,688 4,575 2,771 30,034 39,744	Totals 1,769 3,705 2,437 2,583 10,494 22,703 4,592 2,783 30,078	Grilse 748 1,493 52 448 2,741 75 73 20 168	2mili Adults 725 1,472 1,266 540 4,963 21,037 3,677 1,689 25,863 29,866	Totals 1,473 2,965 1,318 988 6,744 21,112 3,150 1,709 25,971 32,715
Total Spawner Escapement Angler Harvest Clamath River (below Hwy 101 bridge) Clamath River (Rwy 101 to Coon Cr Falls; Clamath River (Coon Cr Falls to 10H; Frinky River hasin above Weitchner an Angler Harvest Subtotals: mdlan River (Bwy 101 to Trinity mouth) Frinky River (Hoona Reservation) Indian Net Harvest Total In-river Harvest	Grilse 274 284 93 219 870 17 41 68 126	92,818 20002 Adults 3,285 3,268 3,216 726 10,495 20,149 3,257 1,168 24,574 35,669	70tals 3,559 3,552 3,309 945 11,365 20,166 3,298 1,236 24,760	2,966 RVEST 110 309 40 225 814 15 17 12 44 858 RUN Grilse	2003 Adults 1,589 3,396 2,396 2,358 9,680 22,688 4,575 2,771 30,034 2003 Adults	Totals 1,769 3,705 2,437 2,583 10,494 22,703 4,592 2,783 30,678	Grilse 748 1,493 52 448 2,741 75 73 20 168	2004 Adults 725 1,472 1,266 540 4,903 21,037 3,977 1,689 25,863 29,866	Totals 1,473 2,965 1,318 988 6,744 21,112 3,150 1,709 25,971
Total Spawner Escapement Indier Harvest Clamath River (below Hwy 101 bridge) Clamath River (Rwy 101 to Coon Cr Falls; Clamath River (Coon Cr Falls to 10H; Friniv River hasin above Weitchner na! Angler Harvest Subtotals: milian Net Harvest e! Clamath River (Rwy 101 to Trinity mouth) Friniv River (Honn Reservation) Indian Net Harvest Subtotals: Total In-river Harvest Cotals n-river Harvest and Bscapement	Grilse 274 284 93 219 870 17 41 08 126 598	92,818 2002 Adults 3,235 3,268 3,216 726 10,495 20,149 3,257 1,168 24,574 35,069	70tals 3,559 3,559 3,552 3,309 945 11,365 20,166 3,298 1,236 24,700 36,065 IN-RIVER	2,966 RVEST	2003 Adults 1,589 3,336 2,397 2,358 9,680 22,688 4,575 2,771 30,034 39,714	Totals 1,769 3,703 2,437 2,583 10,494 22,703 4,592 2,783 30,678 40,572	Grilse 748 1.493 52 448 2,741 75 73 20 168 2,909	2004 Adults 725 1,472 1,266 540 4,903 21,037 3,679 1,689 25,863 29,866	Totals 1,473 2,905 1,318 988 6,744 21,112 3,150 1,791 32,745 Totals 80,193
Total Spawaer Escapement Angler Harvest Limmath River (below Hwy 101 bridge) Limmath River (Rwy 101 to Coon Cr Falls; Limmath River (Coon Cr Falls to 10H; Trinky River hasin above Weitchner an' Angler Harvest Subtotals: angler Harvest Subtotals: angler Harvest Subtotals: Indian Net Harvest (Nwy 101 to Trinity mouth) Trinky River (Houna Reservation) Indian Net Harvest Subtotals: Total In-river Harvest Cotals 1-river Marvest and Bacapement Laging Meetality (2.04% of harvest) #	Grilse 274 284 93 219 870 17 41 68 126 998	92,818 2002 Adults 3,285 3,268 3,216 726 10,495 20,149 3,257 1,168 24,574 35,069	Totals 3,559 3,552 3,309 945 11,363 20,100 3,298 1,230 24,700 36,065 IN-RIVER Totals 135,081 232	2,966 RVEST 190 369 40 225 814 15 17 12 44 44 658 RUN Grilse 3,824 17	2003 Adults 1,589 3,336 2,397 2,358 9,680 22,688 4,575 2,771 30,034 36,744 2003 4,013 19,138	Totals 1,769 3,705 2,437 2,583 10,494 22,703 4,592 2,783 30,678 40,572	748 1.493 52 448 2,741 75 73 20 168 2,800	2.m21 Adults 725 1,472 1,266 540 4,003 21,037 3,977 1,689 25,803 29,804	Totals 1,473 2,965 1,318 988 6,744 21,112 3,150 1,709 25,971 \$2,745
Total Spawner Escapement Indier Harvest Limmath River (below Hwy 101 bridge) Limmath River (Rwy 101 to Coon Cr Falls; Limmath River (Coon Cr Falls to 10H; Triniv River hasin above Weitchner na! Angler Harvest Subtotals: ndlan Net Harvest e! Limmath River (Rwy 101 to Trinity mouth) Triniv River (Hoyn 101 to Trinity mouth) Triniv River (Hoyn Reservation) Indian Net Harvest Subtotals: Total In-river Harvest Cotals n-river Harvest and Bscapement	Grilse 274 284 93 219 870 17 41 08 126 598	92,818 2002 Adults 3,235 3,268 3,216 726 10,495 20,149 3,257 1,168 24,574 35,069	70tals 3,559 3,559 3,552 3,309 945 11,365 20,166 3,298 1,236 24,700 36,065 IN-RIVER	2,966 RVEST	2003 Adults 1,589 3,336 2,397 2,358 9,680 22,688 4,575 2,771 30,034 39,714	Totals 1,769 3,703 2,437 2,583 10,494 22,703 4,592 2,783 30,678 40,572	Grilse 748 1.493 52 448 2,741 75 73 20 168 2,909	2004 Adults 725 1,472 1,266 540 4,903 21,037 3,679 1,689 25,863 29,866	Totals 1,473 2,905 1,318 988 6,744 21,112 3,150 1,791 32,745 Totals 80,193

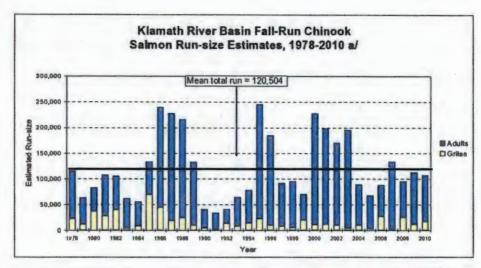
Page 10 of 1

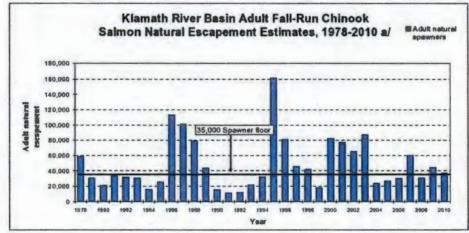
		SP/							
		2005			2606		5	2007	
Hatchery Spawners	Orilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
Iron Gate Hatchery (IGH)	42	13,955	13,997	2,386	11,604	13,990	180	16,969	17,149
Trinity River Hatchery (TRH)	59	13,744	13,803	4,076	7,918	11,994	33	18,081	18,114
Hatchery Spawner Subtotals:	101	27,699	27,800	6,462	19,522	25,984	213	35,050	35,263
Natural Spawners Main Stem Klamath River n/									
(excluding DQM)	32	4,622	4,654	853	4,538	5,391	41	6,914	6,955
Salmon River basin	105	401	506	791	1.278	2,069	55	1.377	1.432
Scott River basin	58	698	756	1,953	3.007	4.960	11	4.494	4,505
Shasta River basin	37	2,018	2,055	1,395	789	2,184	27	2,009	2,036
Bogus Creek basin	58	5,341	5,399	765	3,368	4,133	64	4,677	4,741
Misc. Klamath tributaries o/						,,,,,			.,
(above Yush Reservation)	40	361	401	739	1,165	1,904	26	3,414	1,440
Yurok Reservation tribs. (Klamath River) p	68	113	181	20	119	139	8	407	415
Klamath Natural Spawner Subtotals:	398	13,554	13,952	6,516	14,264	20,780	232	21,292	21,524
Main Stem Trinity River dd/									
(exclusion TLE)	760	12,885	13,645	7,607	15,375	22,982	832	39,038	39,870
Misc. Trinity tributaries o/	700	12,003	15,045	1,007	10,575	22,702	*32	35,030	33,070
(above Hooga Reservation)		164	172	71	142	213	5	246	251
Hoopa Reservation tribs. (Trinity River) p/		84	88	189	382	571	2	94	96
Trinity Natural Spawner Subtotals:	772	13,133	13,905	7.867	15,899	23,766	839	39,378	40,217
t rimiy Naturai Spawner Subtotus:	1-12	13,133	13,945	7,867	15,899	23,760	839	39,378	40,217
Natural Spawner Subtotals:	1,170	26,687	27,857	14,383	30,163	44,546	1,071	60,670	61,741
Total Spawner Escapement	1,271	54,386	55,657	20,845	49,685	70,530	1,284	95,720	97,004
Total Spawner Escapement	1,271		55,657 N-RIVER HA		49,685	70,530	1384	95,720	97,004
		2(0)5	N-RIVER HA	RVEST	2606			2007	
Angler Harvest	Orilse	2(n)S	N-RIVER IIA	RVEST	2006 Adults	Totals	Grilse	2007 Adults	Totals
Angler Harvest Klamath River (below Hwy 101 beidge)	Orilse 311	Adults 243	Totals 554	Grilse 60	2006 Adults	Totals 61	Gritse 20	2007 Adults 1,097	Totals
Angler Harvest Klamath River (below Hwy 101 beidge) Klamath River (Hwy 101 to Weitchpee)	Grilse 311 595	2005 Adults 243 468	Totals 554 1,063	Orilse 60	2006 Adults	Totals 61 4,439	Gritse 20 218	2(107) Adults 1,097 2,211	Totals 1,117 2,429
Angler Harvest Klamath River (below Hwy 101 bridge) Klamath River (Hwy 101 to Weitchpec) Klamath River (Weitchpec to 10H!)	Orilse 311 595 6	2(10)5 Adults 243 468 318	Totals 554 1,063 324	Grilse 60 4,421 721	2006 Adults 1 38 18	Totals 61 4,439 739	Grilse 20 218 19	2(07) Adults 1,097 2,211 1,667	Totals 1,117 2,429 1,686
Angler Harvest Klamath River (below Hwy 101 bridge) Klamath River (Hwy 101 to Weitchpec) Klamath River (Weitchpec to 10H)	Grilse 311 595	2005 Adults 243 468	Totals 554 1,063	Orilse 60	2006 Adults	Totals 61 4,439	Gritse 20 218	2(107) Adults 1,097 2,211	Totals 1,117 2,425 1,686 1,445
Angler Harvest Klamath River (below Hwy 101 bridge) Klamath River (Mwy 101 to Weitchpee) Klamath River (Weitchpee to 1038) Trinity River basin above Weitchpee an Angler Harvest Subtotals:	Orilse 311 395 6	2005 Adults 243 468 318 956	Totals 554 1,063 324 1,074	Grilse 60 4,421 721 325	2006 Adults 1 38 18 5	Totals 61 4,459 739 330	Grilse 20 218 19	2(07) Adults 1,097 2,211 1,667 1,337	Totals 1,117 2,425 1,686 1,449
Angler Harvest Klarnath River (below Hwy 101 bridge) Klarnath River (Wwy 101 to Weitchpec) Klarnath River (Weitchpec to 10318) Trinity River basin above Weitchpec an/ Angler Harvest Subtotals: Indian Net Harvest o/	Orilse 311 395 6	2005 Adults 243 468 318 956	Totals 554 1,063 324 1,074	Grilse 60 4,421 721 325	2006 Adults 1 38 18 5	Totals 61 4,459 739 330	Grilse 20 218 19	2(07) Adults 1,097 2,211 1,667 1,337	Totals
Angler Harvest Klarnath River (below Hwy 101 bridge) Klarnath River (Mwy 101 to Weitchpec) Klarnath River (Weitchpec to 10Ht) Trinity River basin above Weitchpec an Angler Harvest Subtotals: Indian Net Harvest of Klarnath River (below Mwy 101 bridge)	Orilse 311 595 6 118 1,030	2(0)5 Adults 243 468 318 956 1,985	Totals 554 1,063 324 1,074 3,015	Grilse 60 4,421 721 325 5,527	2 (cos Adults 1 38 18 5 62 av	Totals 61 4,459 739 330 \$,589	Grilse 20 218 19 112 369	Aduks 1,097 2,211 1,667 1,337 6,312	Totals 1,117 2,429 1,680 1,449 6,681
Angler Harvest Klamath River (below Hwy 101 bridge) Klamath River (Hwy 101 to Weitchpee) Klamath River (Weitchpee to IGH!) Trinity River basin shove Weitchpee as Angler Harvest Subtotals: Indian Net Harvest of Klamath River (below Mwy 101 bridge) Klamath River (Hwy 101 to Trinity mouth)	Orilse 311 595 6 118 1,030	2005 Adults 243 468 318 956 1,985	Totals 554 1,063 324 1,074 3,015	Grilse 60 4,421 721 325 5,527	2006 Adults 1 38 18 5 62 w	Totals 61 4,459 739 330 5,589	Grilse 20 218 19 112 369	2(107) Adults 1,097 2,211 1,667 1,337 6,312	Totals 1,117 2,425 1,686 1,445 6,681
Angler Harvest Klamath River (below Hwy 101 bridge) Klamath River (Hwy 101 to Weitchpee) Klamath River (Weitchpee to IGH!) Trinity River basin shove Weitchpee an Angler Harvest Subtotals: (adian Net Harvest of Klamath River (below Mwy 101 bridge) Klamath River (Hwy 101 to Trinity mouth)	Orilse 311 595 6 118 1,030	2(0)5 Adults 243 468 318 956 1,985	Totals 554 1,063 324 1,074 3,015	Grilse 60 4,421 721 325 5,527	2 (cos Adults 1 38 18 5 62 av	Totals 61 4,459 739 330 \$,589	Grilse 20 218 19 112 369	Aduks 1,097 2,211 1,667 1,337 6,312	Totals 1,117 2,425 1,686 1,445 6,681 23,49 1,805 2,294
Angler Harvest Klamath River (below Hwy 101 bridge) Klamath River (Mwy 101 to Weitchpec) Klamath River (Weitchpec to 1038) Trinity River basin above Weitchpec an/ Angler Harvest Subtotals: Indian Net Harvest o/ Klamath River (below Mwy 101 bridge) Klamath River (Hwy 101 to Trinity mouth) Trinity River (Hoopa Reservation)	Orilse 311 595 6 118 1,030	2005 Adults 243 468 318 956 1,985	Totals 554 1,063 324 1,074 3,015	Grilse 60 4,421 721 325 5,527	2006 Adults 1 38 18 5 62 w 2,726 3,396 4,101	Totals 61 4,459 739 330 5,589	Grilse 20 218 19 112 369	2007 Aduks 1,097 2,211 1,667 1,337 6,312	Totals 1,117 2,425 1,680 1,449 6,681 23,491 1,803 2,298 27,594
Angler Harvest Klarnath River (below Hwy 101 beidge) Klarnath River (Weiy 101 to Weitchpee) Klarnath River (Weitchpee to 103t) Trinity River basin above Weitchpee an Angler Harvest Subtotals: (adian Net Harvest of Klarnath River (below Mwy 101 beidge) Klarnath River (Hwy 101 to Trinity mouth) Trinity River (Hooda Reservation) Indian Net Harvest Subtotals:	Orilse 311 595 6 118 1,030	2(0)\$ Adults 243 468 318 956 1.925 2,293 3,314 2,409 8,016	Totals 554 1,063 324 1,074 3,015 2,314 3,352 2,420 8,036	Grilse 60 4,421 721 325 5,527 30 240 145 415	2(000 Adults 1 38 18 5 62 a) 2,720 3,396 4,101 10,283	Totals 61 4,459 739 330 5,589 2,750 3,636 4,300 10,698	Grilse 20 218 19 112 369	2,007 Adults 1,097 2,211 1,667 1,337 6,312 23,475 1,800 2,298 27,573	Totals 1,117 2,425 1,680 1,449 6,681 23,491 1,803 2,298 27,594
Ansier Harvest Klamath River (below Hwy 101 bridge) Klamath River (Wey 101 to Weitchpee) Klamath River (Weitchpee to 103t) Trinity River basin above Weitchpee an Angler Harvest Subtotals: Indian Net Harvest Klamath River (below Mwy 101 bridge) Klamath River (Hwy 101 to Trinity mouth) Trinity River (Hoona Reservation) Indian Net Harvest Subtotals:	Orilse 311 595 6 118 1,030	2(0)\$ Adults 243 468 318 956 1.925 2,293 3,314 2,409 8,016	Totals 554 1,063 324 1,074 3,015 2,314 3,352 2,420 8,036	Grilse 60 4,421 721 325 5,527 30 240 145 415	2(000 Adults 1 38 18 5 62 a) 2,720 3,396 4,101 10,283	Totals 61 4,459 739 330 5,589 2,750 3,636 4,300 10,698	Grilse 20 218 19 112 369	2,007 Adults 1,097 2,211 1,667 1,337 6,312 23,475 1,800 2,298 27,573	Totals 1,117 2,425 1,680 1,449 6,681 23,491 1,803 2,298 27,594
Ansier Harvest Klarnath River (below Hwy 101 beidge) Klarnath River (Wey 101 to Weitchpee) Klarnath River (Weitchpee to 10H) Trinity River basin above Weitchpee an Angler Harvest Subtotals: [Indian Net Harvest of Klarnath River (How Mwy 101 bridge) Klarnath River (Hwy 101 to Trinity mouth) Trinity River (Hoona Reservation) Indian Net Harvest Subtotals: Total in-river Harvest	Orilse 311 595 6 118 1,030	2(0)S Adults 243 468 318 956 1,925 2,293 3,314 2,409 8,016	Totals 554 1,063 324 1,074 3,015 2,314 3,352 2,420 8,036	Grilse 60 4,421 721 325 5,527 30 240 145 415	2 (000 Adults 1 38 18 5 62 # 2,720 3,396 4,101 10,283 10,345	Totals 61 4,459 739 330 5,589 2,750 3,636 4,300 10,698	Grilse 20 218 19 112 369	2,007 Adults 1,097 2,211 1,667 1,337 6,312 23,475 1,300 2,298 27,573 33,885	Totals 1,117 2,429 1,686 1,449 6,681
Angler Harvest Klarmath River (below Hwy 101 bridge) Klarmath River (Weithpee) Klarmath River (Weithpee to 1038) Trinity River (Weithpee to 1038) Trinity River basin above Weithpee an/ Angler Harvest Subtotals: Indian Net Harvest o/ Klarmath River (below Mwy 101 bridge) Klarmath River (Mwy 101 to Trinity mouth) Trinity River (Hoona Reservation) Indian Net Harvest Subtotals: Total in-river Harvest Total in-river Harvest	Orilse 311 595 6 118 1,030 21 38 11 70 1,100	2008 Adults 243 468 318 956 1,985 2,293 3,314 2,409 8,016 16,601	Totals 554 1,063 324 1,074 3,015 2,314 3,352 2,420 8,036 11,101 IN-RIVER Totals	Grilse 60 4,421 721 325 5,527 30 240 145 415 Grilse	2006 Adults 1 38 18 5 62 a 2,726 3,396 4,101 10,283 10,345	Totals 61 4,459 330 5,589 2,756 3,536 4,300 10,698 16,267	Grilse 20 218 112 369 16 5 0 21 390	2/007 Adults 1,097 2,211 1,667 1,337 6,312 23,475 1,800 2,292 27,573 33,865	Totals 1,117 2,425 1,466 1,449 6,681 23,491 1,805 2,298 27,594 34,275
Angler Harvest Clarnath River (Below Hwy 101 bridge) Clarnath River (Weitchpec to 1914) Grinith River (Weitchpec to 1914) Grinith River (Weitchpec to 1914) Grinith River basin above Weitchpec and Angler Harvest Subtotals: Indian Net Harvest of Clarnath River (Below Mwy 101 bridge) Clarnath River (Hoppa Reservation) Indian Net Harvest Subtotals: Total in-river Harvest Total in-river Harvest	Orilse 311 395 6 118 1,030 21 38 11 11 170 1,100 Ocilse 2,371	2001S Adults 243 468 318 950 1,985 2,293 3,314 2,409 8,016 16,691	Totals 554 1,063 324 1,074 3,015 2,314 3,352 2,420 8,086 11,101 IN_RIVER Totals 60,758	Grilse 60 4,421 721 325 5,527 30 240 445 415 5,942 RUN Grilse 20,787	2,000 Adults 1 38 18 5 62 v 2,726 3,396 4,161 10,283 10,345	Totals 61 4,459 739 330 5,589 2,756 3,636 4,306 10,698 16,287	Grilse 20 218 19 112 369	2(007) Aduks 1,097 2,211 1,667 1,337 6,312 23,475 1,300 2,292 27,573 33,885	Totals 1,117 2,425 1,685 1,445 6,681 23,49 1,805 2,298 27,594 34,275
Angler Harvest Klamath River (below Hwy 101 bridge) Klamath River (Weitchpec to 10H) Trinity River basin above Weitchpec as Angler Harvest Subtotals: Indian Net Harvest of Klamath River (Below Mwy 101 bridge) Klamath River (Hwy 101 to Trinity mouth) Trinity River (Hoopa Reservation) Indian Net Harvest Subtotals: Total in-tiver Harvest Indian Net Harvest Subtotals:	Orilse 311 595 6 118 1,030 21 38 11 70 1,100	2(0)5 Adults 243 468 318 950 1,925 2,293 3,314 2,409 8,016 16,601	Totals 554 1,063 324 1,074 3,015 2,314 3,352 2,420 8,936 11,101 IN-RIVER Totals 60,753 62	Grilse 60 4,421 721 325 5,527 30 240 145 415 5,942 Grilse 20,787 113	2(006 Adults 1 38 18 5 62 a 2,720 3,396 4,101 10,283 10,345	Totals 61 4,459 739 330 5,589 2,750 3,636 4,300 10,698 16,287	Grilse 20 218 119 119 369 10 5 0 21 390	2007 Adults 1,097 2,211 1,667 1,337 6,312 23,475 1,800 2,292 27,573 33,865	Totals 1,117 2,425 1,686 1,445 6,681 23,49 1,803 2,291 27,594 34,275
Angler Harvest Clarrath River (Below Hwy 101 bridge) Clarrath River (Weitchpee to 1918) Clarrath River (Weitchpee to 1918) Clarrath River (Weitchpee to 1918) Clarrath River basin above Weitchpee and Angler Harvest Subtotals: Indian Net Harvest of Clarrath River (Rwy 101 to Trinity mouth) Irinity River (Hoon Reservation) Indian Net Harvest Subtotals: Total In-river Harvest Indian Net Harvest Indian Met Harvest Total In-river Harvest Indian Met H	Orilse 311 395 6 118 1,030 21 38 11 76 1,100	2001S Adults 243 468 318 950 1,985 2,293 3,314 2,409 8,016 16,691	Totals 554 1,063 324 1,074 3,015 2,314 3,352 2,420 8,086 11,101 IN_RIVER Totals 60,758	Grilse 60 4,421 721 325 5,527 30 240 145 415 5,942 Grilse 20,787 113 36	2006 Adults 1 38 18 5 62 a 2,726 3,396 4,161 10,283 10,345	Totals 61 4,459 739 330 5,589 2,750 3,636 4,300 10,698 14,267 Totals 86,817 114 930	Grilse 20 218 19 112 369 16 5 0 21 390 Grilse 1,674	2(007) Aduks 1,097 2,211 1,667 1,337 6,312 23,475 1,300 2,292 27,573 33,885	Totals 1,117 2,425 1,68 1,445 6,68 23,49 1,80 2,299 27,59 34,275
Angler Harvest (Larnath River (below Hwy 101 bridge) (Larnath River (Weitchpec to 10H) (Irinity River basin above Weitchpec and Angler Harvest Subtotals: Indian Net Harvest of (Larnath River (below Mwy 101 bridge) (Larnath River (below Mwy 101 bridge) (Larnath River (Hwy 101 to Trinity mouth) (Irinity River (Hoona Reservation) Indian Net Harvest Subtotals: Total in-river Harvest Indian Met Harvest Subtotals: Total in-river Harvest (aging Mostality (2.04% of harvest) #	Orilse 311 395 6 118 1,030 21 38 11 76 1,100	2(0)5 Adults 243 468 318 950 1,925 2,293 3,314 2,409 8,016 16,601	Totals 554 1,063 324 1,074 3,015 2,314 3,352 2,420 8,936 11,101 IN-RIVER Totals 60,753 62	Grilse 60 4,421 721 325 5,527 30 240 145 415 5,942 RUN Grilse 20,787 113	2(006 Adults 1 38 18 5 62 a 2,720 3,396 4,101 10,283 10,345	Totals 61 4,459 739 330 5,589 2,750 3,636 4,300 10,698 16,287	Grilse 20 218 19 112 369 16 5 0 21 390 Grilse 1,674	2007 Adults 1,097 2,211 1,667 1,337 6,312 23,475 1,800 2,292 27,573 33,865	Totals 1,117 2,425 1,645 1,445 6,68 23,49 1,80 2,291 27,59 34,275

Page 11 of 14

		SI.		APEMENT					
	1	2008			2000			2010	
Intehery Spawners	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
on Gate Hatchery (IGH)	2,130	9,101	11,231	1,229	12,263	13,492	1,071	10,276	11,347
rinity River Hatchery (TRH)	801	4,451	5,252	143	7,351	7,494	1,432	7,774	9,206
Hatchery Spawner Subtotals:	2,931	13,552	16,483	1,372	19,614	20,986	2,503	18,050	20,553
atural Spawners									
fain Stem Klamath River a/	1,199	5,830	7,029	295	7.945	\$,240	275	3,684	3,959
(exchaling 1001)	650	1,749	2,399	516	2,204 NV	2,720	356	2,478 NV	2.834
almon River basin		3,445	4.673	44	2,367	2,720	394	2,113	2,507
cott River basin hastn River basin	3,621	2,741	6,362	151	6,145	6,290	87	1,259	1,340
ogus Creek basin	1,565	3.001	4,566	471	5,455	5.926	291	3,179	3,470
lisc. Klamath tributaries o/	1,503	3,001	4,500	11	2,133	3040		20112	0
(above Youth Reservation)	1,073	1,845	2.918	175	3,094	3,269	274	1,663	1,937
urok Reservation tribs (Klamath River) po		409	498	296	733	1,029	134	790	924
Klamath Natural Spawner Subtotals:	9,425	19,020	28,445	1,948	27,743	29,691	1,811	15,166	16,977
lain Stem Trinity River dd/									
(carboling FLE)	7,255	11,006	18,201	5.958	10,108	22,126	9,779	21,579	31,358
fise. Trinity tributaries o/									
(above Hooga Leortraries)	158	240	398	70	190	260	69	152	221
Toopa Reservation tribs. (Trinity River) p/	385	584	969	114	308	422	147	324	471
Trinity Natural Spawner Subtotals:	7,798	11,230	19,628	6,142	16,666	22,808	9,995	22,055	32,050
Natural Spawner Subtotals:	17.223	30,850	48,073	8,090	44,409	52,499	11,806	37,221	49,027
Total Spawner Escapement	20,154	44,482	64,556	9,462	64,023	73,485	14,309	55,271	69,580
Total Spawner Escapement	20,154		64,556 IN-RIVER II.	d tamasan in the	64,023	13,485	14,369	55,271	69,580
Total Spawner Escapement	20,154			d tamasan in the	64,623	13,485	14369	55,271	69,580
	20,154 Orilse			d tamasan in the		73,485 Totals	14,309 Grilse		69,580
nder Harvest		200S	IN-RIVER II.	ARVEST	2010			2010	
. <u>ingler Harvest</u> Inrnath River (below Nwy 101 bridge)	Grilse	2008 Adults	IN-RIVER II. Totals	ARVEST	2010 Adults	Totals	Grilse	2010 Aduks	Totals 672
Lugier Harvest Clamath River (below Mwy 101 bridge) Clamath River (Mwy 101 so Weitchpec)	Orilse 521	2008 Adults	Totals	Grilse 319	Adults 1,191	Totals	Grilse 162	Adults 510	Totals 672 2,545
Inder Harvest (Inmath River (Below Rwy 101 bridge) (Inmath River (Rwy 101 to Weischpee) (Inmath River (Weischpee to ICH)	Orilse 521 3,358	2008 Adults 141 896	Totals 002 4,254	Grilse 319 1,559	Adults 1,191 2,015	Totals 1,510 3,574	Grilse 162 1,320	Adults 510	Totals 672 2,545 964
Ingler Harvest (Iamath River (Below Mwy 101 bridge) (Iamath River (Mwy 101 to Weischpee) (Iamath River (Weischpee to ICH)	Grilse 521 3,358 160	2008 Adults 141 896 523	Totals 002 4,254 683	Grilse 319 1,559 155	Adults 1,191 2,015 1,614	Totals 1,510 3,574 1,769	Grilse 162 1,320 89	2010 Adults 510 1,225 875	Totals 672 2,543 964 686
under Harvest	Grilse 521 3,358 160 209	2008 Adults 141 896 523 359 1,919	Totals	Grilse 319 1,559 155 181 2,214	Adults 1,191 2,015 1,614 831 5,651	Totals 1,510 3,574 1,769 1,012 7,865	Grilse 162 1,320 89 261 1,832	Adults 510 1,225 875 425 3,035	Totals 072 2,543 964 680 4,867
Ander Harvest [Jamath River (below Mwy 101 bridge) [Jamath River (Meirothpec) [Jonath River (Weirothpec to IGH] [rinity River hain Angler Harvest Subtotals: ndian Net Harvest e/ [Jamath River (below Hwy 101 bridge)	Grilse 521 3,358 160 269 4,308	2008 Adults 141 896 523 359 1,919	Totals	Grilse 319 1,559 155 181 2,214	Adults 1,191 2,015 1,614 831 5,651	Totals 1,510 3,574 1,769 1,012 7,865	Grilse 162 1,320 89 261 1,832	2010 Adults 510 1,225 875 425 3,035	Totals 672 2,545 964 4,867
Inder Harvest Liamath River (Below Rwy 101 bridge) Liamath River (Rwy 101 to Weitchpee) Liamath River (Weitchpee to 1GH) Trinity River hasin Angler Harvest Subtotals: Indian Net Harvest e/ Liamath River (Below Hwy 101 bridge) Liamath River (Rwy 101 to Trinity month)	Grilse 521 3,358 160 269 4,308	2008 Adults 141 896 523 359 1,919	Totals 602 4,254 683 628 6,227 18,012 2,823	Grilse 319 1,559 155 181 2,214	Adults 1,191 2,015 1,014 831 5,651	Totals 1,510 3,574 1,769 1,012 7,865	Grilse 162 1,320 89 261 1,832	Adults 510 1,225 875 425 3,035	Totals 672 2,543 964 4,867
Ingler Harvest Ilamath River (below Rwy 101 bridge) Ismath River (Rwy 101 to Weitchpee) Ismath River (Weitchpee to IGM; rinity River basin Angler Harvest Subtotals: adian Net Harvest e/ Ismath River (below Hwy 101 bridge) Ismath River (Rwy 101 to Trinity month) rinity River (Hooga Reservation)	Grilse 521 3,358 160 209 4,308	2008 Adults 141 896 523 359 1,919	Totals 602 4,254 683 628 6,227	Grilse 319 1,559 155 181 2,214	Adults 1,191 2,015 1,614 831 5,651 19,405 4,709 4,153	Totals 1,510 3,574 1,769 1,012 7,865	Grilse 162 1,320 89 261 1,832	2010 Adults 510 1,225 875 425 3,035 21,725 4,461 3,810	Totals 672 2,543 964 688 4,861 21,745 4,617 4,070
Inder Harvest Inmath River (below Mwy 101 bridge) Inmath River (Mwy 101 to Weischpee) Inmath River (Weischpee to 1GM) rindry River hasin Angler Harvest Subtotals: Indian Net Harvest e/ Inmath River (below Hwy 101 bridge) Inmath River (blwy 101 to Trinity mouth)	Grilse 521 3,358 160 269 4,308	2008 Adults 141 896 523 359 1,919	Totals 602 4,254 683 628 6,227 18,012 2,823	Grilse 319 1,559 155 181 2,214	Adults 1,191 2,015 1,014 831 5,651	Totals 1,510 3,574 1,769 1,012 7,865	Grilse 162 1,320 89 261 1,832	Adults 510 1,225 875 425 3,035	Totals 672 2,543 964 688 4,861 21,745 4,617 4,070
Angler Harvest Limmath River (below Rwy 101 bridge) Limmath River (Below Rwy 101 to Weitchpee) Limmath River (Weitchpee to IGH) Trinity River hasin Angler Harvest Subtotals: ndian Net Harvest e/ Limmath River (below Hwy 101 bridge) Limmath River (Rwy 101 to Trinity month) Yeinity River (Hoson Reservation)	Grilse 521 3,358 160 209 4,308	2008 Adults 141 896 523 359 1,919	Totals 602 4,254 683 628 6,227 18,012 2,823 2,065 22,996	Grilse 319 1,559 155 181 2,214	Adults 1,191 2,015 1,614 831 5,651 19,405 4,709 4,153	Totals 1,510 3,574 1,769 1,012 7,865	Grilse 162 1,320 89 261 1,832	2010 Adults 510 1,225 875 425 3,035 21,725 4,461 3,810	Totals 672 2,543 964 688 4,861 21,745 4,617 4,070
Instantia River (Below Hwy 101 bridge) Ismath River (Below Hwy 101 to Weischpee) Ismath River (Mury 101 to Weischpee) Ismath River (Below Hweischpee to ICH) Cinity River hasin Angler Harvest Subtotals: adian Net Harvest e/ Ismath River (Below Hwy 101 bridge) Ismath River (Hwy 101 to Trinity month) Cinity River (Hogon Reservation) Indian Net Harvest Subtotals:	Grilse 521 3,358 160 269 4,308 302 187 152 641	2008 Adults 141 896 523 359 1,919 17,710 2,636 1,913 22,259	Totals 602 4,254 683 628 6,227 18,012 2,823 2,065 22,900 29,127	Gritse 319 1,559 155 181 2,214 43 39 90 178	Adults 1,191 2,015 1,614 831 5,651 19,405 4,769 4,153 28,387	Totals 1,510 3,574 1,769 1,012 7,865 19,508 4,808 4,249 28,565	Grilse 162 1,320 89 261 1,832	Adults 510 1,225 875 425 3,035 21,725 4,661 3,810 29,996	Totals 972 2,543 964 686 4,867 21,745 4,617 4,070 30,432
Inder Harvest Ilamath River (below Mwy 101 bridge) Ilamath River (Mwy 101 to Weitchpee) Ilamath River (Weitchpee to IGH) rinity River hasin Angler Harvest Subtotals: Indian Net Harvest e/ Ilamath River (below Hwy 101 bridge) Ilamath River (Hwy 101 to Trinity month) rinity River (Hopon Reservation) Indian Net Harvest Subtotals:	Grilse 521 3,358 160 269 4,308 302 187 152 641	2008 Adults 141 896 523 359 1,919 17,710 2,636 1,913 22,259	Totals 602 4,254 683 628 6,227 18,012 2,823 2,065 22,996	Gritse 319 1,559 155 181 2,214 43 39 90 178	Adults 1,191 2,015 1,014 831 5,651 19,405 4,749 4,153 28,387 34,638	Totals 1,510 3,574 1,769 1,012 7,865 19,508 4,808 4,249 28,565	Grilse 162 1,320 89 261 1,832	2016 Adults 510 1,225 875 425 3,835 21,725 4,461 3,810 29,996	Totals 972 2,543 964 686 4,867 21,745 4,617 4,070 30,432
Inder Harvest Ilamath River (below Rwy 101 bridge) Ilamath River (Riwy 101 to Weitchpee) Ilamath River (Weitchpee to 1036) rinity River hasin Angler Harvest Subtotals: Indian Net Harvest e/ Ilamath River (below Hwy 101 bridge) Ilamath River (Hwy 101 to Trinity month) rinity River (Hopen Reservation) Indian Net Harvest Subtotals: Total In-river Harvest	Grilse 521 3,358 160 269 4,308 302 187 152 641	2008 Adults 141 896 523 359 1,919 17,710 2,636 1,913 22,259 24,178	Totals 602 4,254 683 628 6,227 18,012 2,823 2,065 22,990 29,127	Gritse 319 1,559 155 181 2,214 43 39 90 178 2,362 RUN	Adults 1,191 2,015 1,014 831 5,651 19,405 4,749 4,153 28,387 34,638	Totals 1,510 3,574 1,769 1,012 7,865 19,508 4,808 4,249 28,565	Grilse 162 1,320 89 261 1,832	2016 Adults 510 1,225 875 425 3,035 21,725 4,661 3,810 29,996 33,031	Totals 672 2,543 964 685 4,867 21,743 4,617 4,070 30,432
Inmeter Harvest Ilamath River (below Rwy 101 bridge) Iamath River (Rwy 101 to Weitchpee) Iamath River (Weitchpee to IGH) rimity River basin Angler Harvest Subtotals: adian Net Harvest e/ Iamath River (below Hwy 101 bridge) Iamath River (Rwy 101 to Trinity mouth) rinity River Hoona Reservation. Indian Net Harvest Subtotals: Total In-river Harvest	Grilse 521 3,338 160 209 4,308 302 187 152 641 4,940	2008 Adults 141 896 523 359 1,919 17,710 2,636 1,913 22,259 24,178	Totals	Grilse 319 1,559 151 2,214 43 99 178 2,392 RUN	Adults 1,191 2,015 1,614 831 5,651 19,405 4,769 4,153 28,387 34,638	Totals 1,510 3,574 1,769 1,012 7,865 19,508 4,808 4,249 28,565 36,430	Grilse 162 1,320 9 261 1,832 20 156 200 436 2,268	2010 Adults 510 1,225 875 425 3,035 21,725 4,661 3,810 29,996 33,031	Totals
Inmath River (below Rwy 101 bridge) Ilamath River (Beny 101 to Weischpec) Inmath River (Weischpec to IGM) Ismath River (Weischpec to IGM) Ismath River hade Angler Harvest Subtotals: adian Net Harvest e/ Ilamath River (below Hwy 101 bridge) Ilamath River (Hopon Reservation) Indian Net Harvest Subtotals: Total In-river Harvest india india india	Grilse 521 3,358 160 209 4,308 302 187 152 641 4,949	2008 Adults 141 896 523 359 1,919 17,710 2,636 1,913 22,259 24,178	Totals 602 4,254 683 628 6,227 18,012 2,823 2,065 22,900 29,127 IN-RIVER Totals 93,083	Grilse 319 1,559 155 181 2,214 43 39 96 178 2,392 RUN Orilse 11,354	Adults 1,191 2,015 1,614 8,31 5,651 19,405 4,709 4,153 28,387 34,038	Totals 1,510 3,574 1,769 1,012 7,865 19,508 4,808 4,808 4,249 28,565 36,430 Totals 109,915	Grilse 162 1,320 89 201 1,832 20 156 260 436 Grilse 10,577	2010 Adults 510 1,225 875 425 3,035 21,725 4,461 29,996 33,034	Totals 072 2,543 964 056 4,867 21,745 4,617 4,070 30,432 35,286
Inder Harvest Ilamath River (below Rwy 101 bridge) Ilamath River (Weirchpec to IGM) Ilamath River (Weirchpec to IGM) Indian Ref Harvest Subtotals: Indian Net Harvest e/ Ilamath River (below Hwy 101 bridge) Ilamath River (Hwy 101 to Trinity mouth) Indian Net Harvest Subtotals: Total In-river Harvest Indian Net Harvest Subtotals: Total In-river Harvest Indian Net Harvest Subtotals:	Grilse 521 3,358 160 209 4,308 302 187 152 641 4,940	2008 Adults 141 896 523 359 1,919 17,710 2,636 1,913 22,259 24,178 2008 Adults	Totals 18.012 2,823 2,065 22,900 29,127 Totals 93,083 127	Grilse 319 1,559 155 181 2,214 43 39 90 178 2,392 RUN Grilse 11,854	Adults 1,191 2,015 1,614 831 5,651 19,405 4,709 4,153 28,387 34,038	Totals 1,510 3,574 1,769 1,012 7,865 19,508 4,808 4,249 28,565 36,430 Totals 109,915	Grilse 162 1,320 89 201 1,832 20 156 200 436 2,268	2016 Adults 510 1,225 875 425 3,035 21,725 4,461 3,810 29,996 33,634	Totals 672 2,543 964 685 4,867 4,867 4,070 30,432 35,296 Totals 104,879 99
Inmath River (below Rwy 101 bridge) Ilamath River (Bury 101 to Weischpee) Ilamath River (Weischpee to IGH) rimity River hade Angler Harvest Subtotals: adian Net Harvest e/ Ilamath River (below Hwy 101 bridge) Ilamath River (Hury 101 to Trinity mouth) rimity River (Hury 101 to Trinity mouth) Timity River (Hury 101 to Trinity mouth) Timity River Harvest Subtotals: Total In-river Harvest etals u-river Harvest and Biscapement aging Mortality (2.04% of harvest) £ let Mortality (8.70% of harvest) £	Grilse 521 3,358 160 209 4,308 302 187 152 641 4,949	2008 Adults 141 896 523 359 1,919 17,710 2,636 1,913 22,259 24,178	Totals 602 4,254 683 628 6,227 18,012 2,823 2,065 22,900 29,127 IN-RIVER Totals 93,083	Grilse 319 1,559 155 181 2,214 43 39 96 178 2,392 RUN Orilse 11,354	Adults 1,191 2,015 1,614 8,31 5,651 19,405 4,709 4,153 28,387 34,038	Totals 1,510 3,574 1,769 1,012 7,865 19,508 4,808 4,808 4,249 28,565 36,430 Totals 109,915	Grilse 162 1,320 89 201 1,832 20 156 260 436 Grilse 10,577	2010 Adults 510 1,225 875 425 3,035 21,725 4,461 29,996 33,034	Totals 672 2,543 964 685 4,867 4,867 4,070 30,432 35,296 Totals 104,879 99
Inder Harvest Ilamath River (below Mwy 101 bridge) Ilamath River (Riwy 101 to Weitchpee) Ilamath River (Weitchpee to IGH) (miny River hain Angler Harvest Subtotals: Indian Net Harvest of Ilamath River (below Hwy 101 bridge) Ilamath River (Hwy 101 to Trinity month) Yinity River (Hoosa Reservation) Indian Net Harvest Subtotals:	Grilse 521 3,358 160 209 4,308 302 187 152 641 4,940	2008 Adults 141 896 523 359 1,919 17,710 2,636 1,913 22,259 24,178 2008 Adults	Totals 18.012 2,823 2,065 22,900 29,127 Totals 93,083 127	Grilse 319 1,559 155 181 2,214 43 39 90 178 2,392 RUN Grilse 11,854	Adults 1,191 2,015 1,614 831 5,651 19,405 4,709 4,153 28,387 34,038	Totals 1,510 3,574 1,769 1,012 7,865 19,508 4,808 4,249 28,565 36,430 Totals 109,915	Grilse 162 1,320 89 201 1,832 20 156 200 436 2,268	2016 Adults 510 1,225 875 425 3,035 21,725 4,461 3,810 29,996 33,634	Totals 672 2,543 964 686 4,267 21,745 4,617 4,070 30,432 35,296

Page 12 of 1





at 2010 data per licerary

Footnotes for Klamath River Basin Fall Chinook Salmon Spawner Escapement, In-river Harvest and Run-size Estimates, 1978-2010

Page 13 of 14

- a/ Prepared February 11, 2011. All figures are California Department of Fish and Game (CDFG) counts/estimates unless otherwise indicated. All figures for Iron Gate and Trinity River hatcheries represent counts of fish entering those facilities. All spawner escapement figures for the Shasta River basin for 1978-1987 and 1989-2010, plus those for Bogus Creek basin for 1980-1991 and 2003-2010 are based on counts made at counting/video stations located near the mouths of those streams. All remaining spawner escapements and all harvest figures are estimates developed from data obtained through ongoing field investigations in the Klamath-Trinity system. Figures for years through 2009 are final; 2010 figures are preliminary, subject to revision.
- b/ Figure not available.
- c/ USFWS estimate
- d/ In 1978, the Klamath River system sport salmon fishing season was closed August 25. There was essentially no sport harvest of fall Chinook in the Trimity River basin in 1978.
- e/ USFWS estimates for years through 1982; 1983 through 1993 estimates jointly made by USFWS and Hoopa Valley Business Council Fisheries Department (HVBCFD); 1994 through 2007 estimates made by HVBCFD for the Hoopa Reservation and Yurok Tribal Fisheries Department for the Yurok Reservation.
- f/f Factors for non-landed catch mortality calculated by the Klamath River Technical Advisory Team (KRTAT, 1986, "Recommended Spawning Escapement Policy for Klamath River Fall-run Chinook"). Modified non-landed catch mortality rates of 2.04% and 8.70% were applied to sport and net harvest respectively following the 2003 season. These rates were applied retrospectively to all years, replacing the historical rates of 2.0% (aport harvest) and 8.0% (net harvest).
- U.S. Forest Service estimate.
- MVBCFD estimate. Estimate for streams in Hoopa Reservation only.
- if In 1985, the Klamath River system sport salmon fishing season was closed to the taking of all salmon below the U.S. Highway 101 bridge from September 9 through December 31; the Klamath from the U.S. Highway 101 bridge to Iron Gate Dam and the Trinity River from its mouth to Lewiston Dam were closed to the taking of salmon 22 inches and longer from September 23 through December 31, 1985.
- j/ Estimates for Hoopa Reservation portion of eatch (=947 grilse and 1,941 adults) are of catch occurring during open fishing periods only.
- k/ Estimates jointly made by USFWS and HVBCFD.
- Final figures for Salmon River basin natural spawners shown in the December 11, 1991 table were incorrect. Corrected figures, plus necessary revisions to the 1990 totals, are presented here.
- m/ Figure does not include adults that, following entry into Iron Gate Hatchery, were returned to the river alive and unspawned, and which are presumed to have apawned naturally. This includes 2,333 fish in 1994 and 3,932 fish in
- n/ CDFG estimate based on USFWS redd count data through 2000. Estimates for 2001-2010 are USFWS estimates based on a combination of redd count data (Shasta River downstream to Indian Cr.) and carcass mark-recapture estimates unstream of the Shasta River.
- of CDFO and USFS, estimates.
- p/ HVBCFD and YTFD estimates. YTFD fish count for Blue Creek is a based on several dive surveys conducted at peak of spawning and should not be construed as an escapement estimate. HVBCFD tributary estimates based on redd counts.
- q/ 750 of these adults were harvested between I-5 and IOH after the river reopened to sport angling on ±3 OCT. 1995
- 1/ Includes 51 grilse and 178 adults harvested in the main stem Trinity River between Willow Creek weir and the mouth of the Trinity River. HVBCFD estimate.
- s/ Includes 251 grise and 645 adults harvested in the main stem Trinity River between Willow Creek weir and the mouth of the Trinity River. HVBCFD estimate.
- t/ Additional, but unknown barvest occurred upstream of Interstate 5 for jacks between Oct.2-18 and Oct.18-Nov.30th.for all Chinook after Iron Gate Hatchery reached its= required 8,000 adult Chinook spawning escapement.
- u/ Includes 298 grilse and 799 adults hervested in the main stem Trinity River between Willow Creek weir and the mouth of the Trinity River. HVBCFD estimate.
- v/ Additional, but unknown harvest occurred upstream of Interstate 5 for jacks between Oct.4-17 after the 28 day window and Oct.17-Nov.30th.for all Chinook after Iron Gate Hatchery reached its required \$,000 adult Chinook spawning escapement.

Page 14 of 14

- x/ Includes fish originalty classified as gritse, based on the 24 inch TL specified in the 1998 sport angling regulations, which were re-classified as adult based on preliminary analysis of 1998 data.
- y/ Includes 21 Grilse and 42 adults harvested after the lower river reopened on Oct 15, 1999.
- z/ Harvest estimate based on creel census data and includes 54 grilse and 206 adults harvested during the secondary season allowed above the Interstate 5 bridge after IGH achieved 8,000 adult spawners.
- aa/ Harvest estimate based on HVBCFD creel census below the Willow Creek Weir and CDFG's estimate based on tag returns for the Trinity River above Willow Creek Weir.
- bb/ Harvest estimate based on creel census data and includes 113 grilse and 938 adults harvested during the secondary season allowed above the Interstate 5 bridge after IGH achieved 8,000 adult spawners.
- cc/ Includes 9 jacks and 252 adults estimated to have spawned in the mainstem Trinity River downstream of the Willow Creek Weir. Estimate based on HVBCFD expanded redd count data.
- dd/ Estimates upstream of Willow Creek weir provided by CDFG and are inclusive of the total basin upstream of weir; estimates downstream of Willow Creek weir provided by HVBCFD and only include the main stem Trinity to its confluence with the Klamath River.
- ee/ Prespawn mortality estimate for Chinook salmon that died in the lower Klamath River fish die off, 2002. Estimate provided by USFWS.
- ff/ Estimated 2006 river recreational fishery adult impacts (incidental mortality). Estimation methods documented in 2007 PPMC pre-season report I.
- The 2006 sport fishery was closed to the take of adult fall Chinook (greater than 22 inches).
- hh/ The 2009 and 2010 Salmon River adult escapement estimates were based on total redd counts (2009) and expanded redd counts from the first two weeks of survey expanded for the season based on historical cumulative average (2010).

List of acronyms

CDFG - California Department of Fish and Game
HVBCFD- Hoopa Valley Business Council Fisheries Department
IGH - Iron Gate Hatchery
KRTAT - Klamath River Technical Advisory Team
PFMC - Pacific Fishery Management Council
TRH - Trinity River Hatchery
USFS - United States Forest Service
USFWS - United States Fish and Wildlife Service
YTFD - Yurok Tribe Fisheries Department

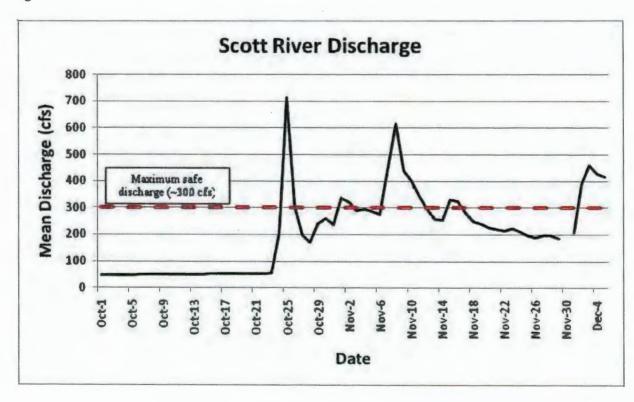
Appendix B - USGS Discharge Charts

Scott River

The Scott River gauge (11519500) is located 10.8 miles downstream from Fort Jones, CA.

- Legal location T.44N., R.10W., Sec. 29 (Mount Diablo Meridian); or
- Lat. 41°38'27" by Long. 123°00'50" (referenced NAD 1927)

Graph provided here provides a daily mean of discharge at the gauge and includes November 1st through December 5th, 2010, which encompasses the redd/carcass survey dates. Instantaneous discharges measured at the gauge can be higher or lower than that pictured. Variability in flow during an actual survey day may have provided a window of safe discharge not reflected in the figure.

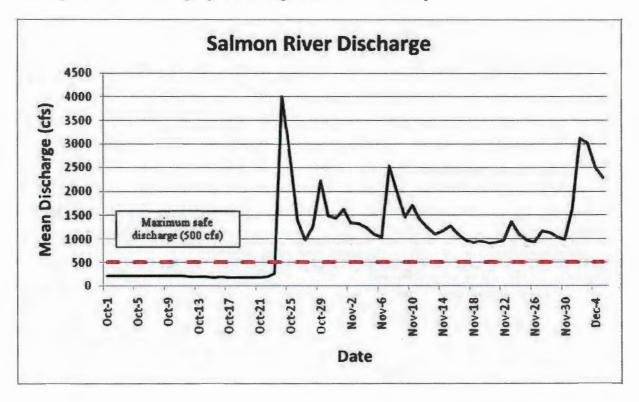


Salmon River

The Salmon River gauge (11522500) is located 1.0 miles upstream from Somes Bar, CA, at the confluence with the Klamath River.

- Legal location T.11N., R.6E., Sec. 3 (Humboldt Meridian); or
- Lat. 41°22'36" by Long. 123°28'33" (referenced NAD 1927)

Graph provided here provides a daily mean of discharge at the gauge and includes November 1st through December 5th, 2010, which encompasses the redd/carcass survey dates. Instantaneous discharges measured at the gauge can be higher or lower than that pictured.



Appendix C – Redd and Fish Survey Tables (2010)

Salmon River Redds

						S	urvey	Dates	,					
Reach	Oct-12	Oct-15	Oct-19	Oct-22	Oct-26	Oct-29	Nov-02	Nov-05	Nov-09	Nov-12	Nov-16	Nov-19	Nov-23	Nov-30
			M	lainst	em									
4A – Otter Bar to Nordheimer	9	17	17	0				14		0				1
4B – Forks to Otter Bar	4	39	40	58				1		U				
			No	orth F	Fork									
9A - Mile 2 to Forks	43	54	14	13							5			
9B - Mile 4 to Mile 2	19	9	3	0							3			
10A - Mile 6 to Mile 4	10	48	4	37										
10B - Mile 8 to Mile 6	25		9	24										
11A - Mile 10 to Mile 8		19	21											
11B - Mile 12 to Mile 10			21											
			So	uth F	Fork				-					
5A - Henry Bell to Forks	27	63	109	42										
5B - O'Farrell Gul to Henry Bell	40	69	61	73							0			
6A - Indian Ck to O'Farrell Gul	91	62	10	80				14*				0^		
6B - Matthews Ck to Indian Ck	8	25	31	37										

Salmon River Tributary Surveys

Tributary	Date	Redds	Chinook	Steelhead
Black Bear Creek	Nov-16	0	0	1
Indian Creek	Nov-16	0	0	0
Knownothing Creek	Nov-16	Da	atasheets mi	ssing
Little NF Salmon R	Nov-17	0	0	0
Methodist Creek	Nov-16	8	1	0
Nordheimer Creek	Nov-12	29	22	1
Noruneimer Creek	Nov-16	8	6	0
North Russian Creek	Nov-05	0	0	0
Matthews Creek	Nov-16	Da	atasheets mi	ssing
Plummer Creek	Nov-16	0	0	0
St. Claire Creek	Nov-16	Da	atasheets mi	ssing

Salmon River (Live) Chinook Observation

							Date							
Reach	Oct-12	Oct-15	Oct-19	Oct-22	Oct-26	Oct-29	Nov-02	Nov-05	Nov-09	Nov-12	Nov-16	Nov-19	Nov-23	Nov-30
			Ma	insten										
4A – Otter Bar to Nordheimer	18	196	93					2		5				
4B – Forks to Otter Bar	133	211	102	129	-			5		3			,	
			No	th For	k			-						
9A - Mile 2 to Forks	104	124	141	58							4			
9B - Mile 4 to Mile 2	45	37	35	49							4			
10A - Mile 6 to Mile 4	62	75	29	13										
10B - Mile 8 to Mile 6	73		47	47										
11A - Mile 10 to Mile 8		13	18											
11B - Mile 12 to Mile 10			10											
			Sou	th For	k									
5A - Henry Bell to Forks	132	163	186	77										
5B - O'Farrell Gul to Henry Bell	107	88	62	77							5			
6A - Indian Ck to O'Farrell Gul	222	123	81	93				0				2^		
6B - Matthews Ck to Indian Ck	37	37	23	24						- >				

[^]Only portion of reach accomplished - Methodist Ck to O'Farrell Gulch

2010 Fall Chinook Salmon Spawning Ground Survey

Salmon River (Live) Steelhead Observation

							D	ate						
Reach	Oct-12	Oct-15	Oct-19	Oct-22	Oct-26	Oct-29	Nov-02	Nov-05	Nov-09	Nov-12	Nov-16	Nov-19	Nov-23	Nov-30
			N	1ains	tem									
4A – Otter Bar to Nordheimer	0	1*	0		2.1			0		43				
4B – Forks to Otter Bar	4	19	0	0				18		43				
			N	orth	Fork									
9A - Mile 2 to Forks	0	2	0	0							41			
9B - Mile 4 to Mile 2	4	0	0	0		-					41			
10A - Mile 6 to Mile 4	0	0	2	0										
10B - Mile 8 to Mile 6	0	18	0	2		-								
11A - Mile 10 to Mile 8		0	1											
11B - Mile 12 to Mile 10			1										90	
			S	outh	Fork									
5A - Henry Bell to Forks	0	0	0	0										
5B - O'Farrell Gul to Henry Bell	0	0	0	0							0			
6A - Indian Ck to O'Farrell Gul	0	0	0	1				0				11^		
6B - Matthews Ck to Indian Ck	0	0	0	0										

^{*}Steelhead observed was dead

^{&#}x27;Only portion of reach accomplished - Methodist Ck to O'Farrell Gulch

2010 Fall Chinook Salmon Spawning Ground Survey

Scott River Redds

							Da	ite						
Reach	Oct-11	Oct-14	Oct-18	Oct-21	Oct-25	Oct-28	Nov-01	Nov-04	Nov-08	Nov-11	Nov-15	Nov-18	Nov-22	Nov-29
R1 - Midpoint to Confluence		9	16	26		9	6	15	y	12	1	8		0
R2 - Pat Ford to Midpoint		24	25	2		9		8	Survey	0	5	3		0
R3 - George Allen to Alreds		12	3	9		4	0	6	S S			4		0
R4 - Townsend Gul to George Allen		0	17	22	ey.	4		0	- No	5		0	2	0
R5 - Bridge Flat to Townsend Gul		5	17	20	Survey	0	0	14	Water		6	0	4	4
R6 - CDFG Weir to Bridge Flat	ay	3	3	13	No	6	1	10				9	12	7
R7 - USGS Gauge to CDFG Weir	Holiday	1	0	14	1	0			High	1	0	1	0	0
R8 - Sniktaw Ck to USGS Gauge	H	8			Water		21		王	72		49	68	
R12 - Sweezy to Eller Lane					sh V	1	0	0	2	2	5	5	3	7
R13 - Horn Lane to Sweezy				1	High	4	1	12	16	19	17	14	21	41
R14 - Youngs Dam to Horn Lane	-			0		3	4		12	23	32	36	31	39
R15 - Fay Lane to Youngs Dam							5	31		28	34	16	11	32
R16 - Top of Barnes to Fay Lane							-					4		

Scott River Tributary Surveys

Tributary	Date	Redds	Chinook	Steelhead
C C C	Nov-02	0	0	0
Canyon Creek	Nov-19	0	0	0
	Nov-02	0	0	0
Kelsey Creek	Nov-12	0	0	0
	Nov-19	1	0	0
T1-	Nov-02	0	0	0
Tompkins Creek	Nov-18	0	0	0
Wooliver Creek	Nov-30	0	0	0

2010 Fall Chinook Salmon Spawning Ground Survey

Scott River (Live) Chinook Observations

Scou River (Live) Chinook Co.							Da	te						
Reach	Oct-11	Oct-14	Oct-18	Oct-21	Oct-25	Oct-28	Nov-01	Nov-04	Nov-08	Nov-11	Nov-15	Nov-18	Nov-22	Nov-29
R1 - Midpoint to Confluence		13	nd	75		13	6	15	y	6	5	3		0
R2 - Pat Ford to Midpoint		23	20	38		14		14	Survey	0	nd	1		0
R3 - George Allen to Alreds		92	nd	107		5	0	9	o St			0		0
R4 - Townsend Gul to George Allen		11	nd	31	/ey	16		37	No No	9		5	nd	0
R5 - Bridge Flat to Townsend Gul		146	86	37	Survey	3	nd	20	Water		6	0	0	0
R6 - CDFG Weir to Bridge Flat	ay	37	78	69	No	8	13	nd			3 :	7	nd	0
R7 - USGS Gauge to CDFG Weir	Holiday	6	nd	46	1	8			High	2	6	1	2	0
R8 - Sniktaw Ck to USGS Gauge	H	21			Water		41		H	79		36	11	
R12 - Sweezy to Eller Lane						2	1	3	6	5	3	4	2	0
R13 - Horn Lane to Sweezy				9	High	43	38	58	48	35	34	7	11	2
R14 - Youngs Dam to Horn Lane	91,			5	1,	21	12		30	25	43	22	9	3
R15 - Fay Lane to Youngs Dam	1						41	46		49	35	14	10	4
R16 - Top of Barnes to Fay Lane												2		

^{*}nd = no data (datasheets missing)

2010 Fall Chinook Salmon Spawning Ground Survey

Scott River (Live) Steelhead Observations

	Date													
Reach	Oct-11	Oct-14	Oct-18	Oct-21	Oct-25	Oct-28	Nov-01	Nov-04	Nov-08	Nov-11	Nov-15	Nov-18	Nov-22	Nov-29
R1 - Midpoint to Confluence		0	nd	0		0	0	0	y	0	0	0		0
R2 - Pat Ford to Midpoint	-	1	0	0	r - No Survey	0		0	High Water - No Survey	0	nd	0		0
R3 - George Allen to Alreds		6	nd	1		0	0	0				0		0
R4 - Townsend Gul to George Allen		0	nd	0		0		0		0	17	0	nd	0
R5 - Bridge Flat to Townsend Gul		6	0	2		0	nd	0			0	0	0	0
R6 - CDFG Weir to Bridge Flat	Holiday	0	4	5		0	0	nd				0	nd	0
R7 - USGS Gauge to CDFG Weir		2	nd	0		0				0	0	0	0	0
R8 - Sniktaw Ck to USGS Gauge	H	0	,		Water		0		Ξ	0		0	0	
R12 - Sweezy to Eller Lane					sh V	0	0	0	0	0	0	0	0	0
R13 - Horn Lane to Sweezy				0	High	0	0	0	0	0	0	0	0	0
R14 - Youngs Dam to Horn Lane				1		0	0		0	0	0	0	0	0
R15 - Fay Lane to Youngs Dam							0	0		0	0	0	0	0
R16 - Top of Barnes to Fay Lane												0		

^{*}nd = no data (datasheets missing)

Klamath River Tributary Surveys (managed by Salmon/Scott District)

Tributary	Date	Redds	Chinook	Steelhead
Humbug Creek	Nov-02	0	0	0
Upper (WF) Humbug Creek	Nov-02	0	0	0

Appendix D – List of Cooperators and Contributions

Federal

U.S. Fish and Wildlife Service

U.S. Forest Service

- -Klamath National Forest
- -Six Rivers National Forest

State

California Department of Fish and Game

- -Arcata Office
- -Yreka Office

Tribal

Karuk Tribe

Yurok Tribe

Quartz Valley Indian Reservation

Other

Local volunteers
Forks of Salmon School District
Northern California Resource Center
Salmon River Restoration Council
Siskiyou Resource Conservation District