

**Klamath River Basin Fall Chinook Salmon Spawner Escapement, In-river Harvest and Run-size Estimates,  
1978-2022 a/**

Page 1 of 18

**SPAWNER ESCAPEMENT**

	<b>1978</b>			<b>1979</b>			<b>1980</b>		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Hatchery Spawners</b>									
Iron Gate Hatchery (IGH)	925	6,945	7,870	257	2,301	2,558	451	2,412	2,863
Trinity River Hatchery (TRH)	1,325	6,034	7,359	964	1,335	2,299	2,256	4,099	6,355
Subtotals	<b>2,250</b>	<b>12,979</b>	<b>15,229</b>	<b>1,221</b>	<b>3,636</b>	<b>4,857</b>	<b>2,707</b>	<b>6,511</b>	<b>9,218</b>
<b>Natural Spawners</b>									
Trinity River basin									
(above Willow Creek, excluding TRH)	4,712	31,052	35,764	3,936	8,028	11,964	16,837	7,700	24,537
Salmon River basin	1,400	2,600	4,000	150	1,000	1,150	200	800	1,000
Scott River basin	1,909	3,423	5,332	428	3,396	3,824	2,245	2,032	4,277
Shasta River basin	6,707	12,024	18,731	1,040	7,111	8,151	4,334	3,762	8,096
Bogus Creek basin	651	4,928	5,579	494	5,444	5,938	1,749	3,321	5,070
Main Stem Klamath River									
(excluding IGH)	300	1,700	2,000	466	4,190	4,656	867	2,468	3,335
Misc. Klamath tributaries									
(above Hoopa and Yurok Reservations)	735	2,765	3,500	147	1,068	1,215	500	1,000	1,500
Hoopa and Yurok Reservation tribs.	-- b/	-- b/	-- b/	100 c/	400 c/	500 c/	250 c/	400 c/	650 c/
Subtotals	<b>16,414</b>	<b>58,492</b>	<b>74,906</b>	<b>6,761</b>	<b>30,637</b>	<b>37,398</b>	<b>26,982</b>	<b>21,483</b>	<b>48,465</b>
<b>Total Spawner Escapement</b>	<b>18,664</b>	<b>71,471</b>	<b>90,135</b>	<b>7,982</b>	<b>34,273</b>	<b>42,255</b>	<b>29,689</b>	<b>27,994</b>	<b>57,683</b>

**IN-RIVER HARVEST**

	<b>1978</b>			<b>1979</b>			<b>1980</b>		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Angler Harvest</b>									
Klamath River (below Hwy 101 bridge)	122	854	976	216	484	700	835	727	1,562
Trinity River basin (above Willow Creek)	-- d/	-- d/	-- d/	765	1,157	1,922	2,456	998	3,454
Balance of Klamath system	1,960	840	2,800	1,200	500	1,700	2,600	2,771	5,371
Subtotals	<b>2,082</b>	<b>1,694</b>	<b>3,776</b>	<b>2,181</b>	<b>2,141</b>	<b>4,322</b>	<b>5,891</b>	<b>4,496</b>	<b>10,387</b>
<b>Tribal Net Harvest e/</b>									
Klamath River (below Hwy 101 bridge)	--	--	--	--	--	--	495	9,605	10,100
Klamath River (Hwy 101 to Trinity mouth)	--	--	--	--	--	--	272	1,528	1,800
Trinity River (Hoopa Reservation)	--	--	--	--	--	--	220	880	1,100
Subtotals	<b>1,800</b>	<b>18,200</b>	<b>20,000</b>	<b>1,350</b>	<b>13,650</b>	<b>15,000</b>	<b>987</b>	<b>12,013</b>	<b>13,000</b>
<b>Total In-river Harvest</b>	<b>3,882</b>	<b>19,894</b>	<b>23,776</b>	<b>3,531</b>	<b>15,791</b>	<b>19,322</b>	<b>6,878</b>	<b>16,509</b>	<b>23,387</b>

**IN-RIVER RUN**

	<b>1978</b>			<b>1979</b>			<b>1980</b>		
	Grilse	Adults	Totals	Grilse	Adults	Totals	Grilse	Adults	Totals
<b>Totals</b>									
In-river Harvest and Escapement	22,546	91,365	113,911	11,513	50,064	61,577	36,567	44,503	81,070
Angling Mortality (2.04% of harvest) f/	42	35	77	45	44	88	120	92	212
Net Mortality (8.70% of harvest) f/	157	1,583	1,739	117	1,187	1,304	86	1,045	1,130
<b>Total In-river Run</b>	<b>22,745</b>	<b>92,983</b>	<b>115,728</b>	<b>11,675</b>	<b>51,295</b>	<b>62,970</b>	<b>36,773</b>	<b>45,640</b>	<b>82,413</b>

(continued next page)