

# Chilliwack River Recreational Fishery Catch & Effort Estimates for 2010

Fraser Stock Assessment, Science Branch, Fisheries and Oceans Canada

ANALYSIS PERIOD	July <sup>2</sup>	August <sup>2</sup>	Sep.01 to Sep.14	Sep.15 to Sep.30	Oct.01 to Oct.14 <sup>3</sup>	Oct.15 to Oct.31 <sup>3</sup>	Nov.01 to Nov.15	Nov.15 to Nov.30	December	2010 Totals			
<b>STATUS OF ESTIMATES</b>	-	-	-	not assessed	not assessed	not assessed	Post-season preliminary	Post-season preliminary	Post-season preliminary	Post-season preliminary	not assessed	not assessed	Post-season preliminary
<b>STUDY EFFORT <sup>1</sup></b>													
Number of Days in Study	-	-	-	-	-	16	14	17	15	-	-	-	62
Number of Days Surveyed	-	-	-	-	-	12	10	13	10	-	-	-	45
Number of Interviews Conducted	-	-	-	-	-	633	1,346	1,307	417	-	-	-	3,703
Angler Effort from Interviews (hrs)	-	-	-	-	-	1,881	4,458	3,920	987	-	-	-	11,246
Number of Overflights	-	-	-	-	-	4	6	6	4	-	-	-	20
<b>ANGLER EFFORT</b>													
Average Overflight Count (IRC)	-	-	-	-	-	163	591	420	105	-	-	-	316
Estimated Effort (hrs)	-	-	-	-	-	34,531	85,790	60,430	11,101	-	-	-	191,852
<b>ESTIMATED HARVEST (incl. est. AFC harvest)</b>													
Chinook Adult	-	-	-	-	-	668	4,197	1,907	36	-	-	-	6,808
Chinook Jack	-	-	-	-	-	434	384	71	36	-	-	-	925
Coho Adult	-	-	-	-	-	320	3,553	1,854	774	-	-	-	6,501
Coho Jack	-	-	-	-	-	41	126	79	125	-	-	-	371
Sockeye	-	-	-	-	-	143	0	0	0	-	-	-	143
Pink	-	-	-	-	-	0	0	0	0	-	-	-	0
Chum	-	-	-	-	-	108	992	42	0	-	-	-	1,142
<b>ESTIMATED RELEASE</b>													
Chinook Adult	-	-	-	-	-	610	4,962	3,950	281	-	-	-	9,803
Chinook Jack	-	-	-	-	-	779	429	248	0	-	-	-	1,456
Coho Adult	-	-	-	-	-	623	2,033	2,239	515	-	-	-	5,410
Coho Jack	-	-	-	-	-	20	72	269	75	-	-	-	436
Sockeye	-	-	-	-	-	72	98	126	18	-	-	-	314
Pink	-	-	-	-	-	0	0	0	0	-	-	-	0
Chum	-	-	-	-	-	107	2,632	9,393	1,190	-	-	-	13,322
<b>ESTIMATED AFC HARVEST</b>													
Chinook Adult	-	-	-	-	-	41	217	92	0	-	-	-	350
Chinook Jack	-	-	-	-	-	28	68	0	18	-	-	-	114
Coho Adult	-	-	-	-	-	320	3,520	1,749	774	-	-	-	6,363
Coho Jack	-	-	-	-	-	41	76	79	125	-	-	-	321
Sockeye	-	-	-	-	-	0	0	0	0	-	-	-	0

<sup>1</sup> the study area in 2010 was from the mouth of Slesse Creek downstream to Fraser River confluence

<sup>2</sup> in 2010, the study area was opened to fishing for salmon on July 01st; no assessment conducted until Nov.15th

<sup>3</sup> in 2010, the Chilliwack River was closed to the retention of Chum salmon on Oct.15th

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JT

IRC Instantaneous Rod Count of entire study area

AFC Adipose Fin Clip

na not applicable