

# Chilliwack River Recreational Fishery Catch & Effort Estimates for 2011

Fraser Stock Assessment, Science Branch, Fisheries and Oceans Canada

ANALYSIS PERIOD	Jan-Mar <sup>2,3</sup>	April <sup>3,4</sup>	May <sup>3,4</sup>	June <sup>3,5</sup>	July <sup>3</sup>	August <sup>3</sup>	Sep.01 to Sep.15	Sep.16 to Sep.30	Oct.01 to Oct.15	Oct.16 to Oct.31 <sup>6</sup>	Nov.01 to Nov.15 <sup>6</sup>	Nov.16 to Nov.30 <sup>6,7</sup>	Dec <sup>6,7</sup>	2011 Totals
<b>STATUS OF ESTIMATES</b>	-	-	-	Closed to fishing	not assessed	not assessed	Post-season preliminary	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	-	-	-	-	-	-	15	15	15	16	15	-	-	76
Number of Days Surveyed	-	-	-	-	-	-	9	11	11	11	11	-	-	53
Number of Interviews Conducted	-	-	-	-	-	-	487	1,453	2,136	1,407	500	-	-	5,983
Angler Effort from Interviews (hrs)	-	-	-	-	-	-	1,118	4,318	6,883	4,024	1,452	-	-	17,794
Number of Overflights	-	-	-	-	-	-	5	4	6	5	4	-	-	24
<b>ANGLER EFFORT</b>														
Average Overflight Count (IRC)	-	-	-	-	-	-	75	423	630	376	244	-	-	350
Estimated Effort (hrs)	-	-	-	-	-	-	11,504	67,279	86,239	47,743	12,429	-	-	225,194
<b>ESTIMATED HARVEST (incl. est. AFC harvest)</b>														
Chinook Adult	-	-	-	-	-	-	32	771	2,162	438	21	-	-	3,424
Chinook Jack	-	-	-	-	-	-	69	383	282	72	0	-	-	806
Coho Adult	-	-	-	-	-	-	22	801	3,933	3,705	455	-	-	8,916
Coho Jack	-	-	-	-	-	-	0	32	34	80	17	-	-	163
Sockeye	-	-	-	-	-	-	0	261	23	0	0	-	-	284
Pink	-	-	-	-	-	-	600	9,783	4,350	292	0	-	-	15,025
Chum	-	-	-	-	-	-	0	0	82	154	42	-	-	278
<b>ESTIMATED RELEASE</b>														
Chinook Adult	-	-	-	-	-	-	0	970	3,187	1,740	17	-	-	5,914
Chinook Jack	-	-	-	-	-	-	153	371	503	47	0	-	-	1,074
Coho Adult	-	-	-	-	-	-	34	935	4,632	3,607	490	-	-	9,698
Coho Jack	-	-	-	-	-	-	0	97	111	81	17	-	-	306
Sockeye	-	-	-	-	-	-	10	306	10	0	0	-	-	326
Pink	-	-	-	-	-	-	2,338	56,376	47,766	3,620	0	-	-	110,100
Chum	-	-	-	-	-	-	0	76	196	4,377	5,237	-	-	9,886
<b>ESTIMATED AFC HARVEST</b>														
Chinook Adult	-	-	-	-	-	-	11	47	47	13	13	-	-	131
Chinook Jack	-	-	-	-	-	-	0	27	10	23	0	-	-	60
Coho Adult	-	-	-	-	-	-	22	744	3,843	3,705	435	-	-	8,749
Coho Jack	-	-	-	-	-	-	0	32	34	80	17	-	-	163
Sockeye	-	-	-	-	-	-	0	261	23	0	0	-	-	284

<sup>1</sup> the study area in 2011 included the entire area opened to the retention of salmon from fishing boundary markers 100m downstream of the confluence of Chilliwack River and Slesse Creek to the the boundary signs near the confluence with the Fraser River.

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JM

<sup>2</sup> only coho retention was permitted; retention of all other salmon species was NOT permitted.

<sup>3</sup> no assessment was conducted during the months of January through August (inclusive).

<sup>4</sup> retention of any salmon was NOT permitted.

<sup>5</sup> study area was closed to fishing in the month of June.

<sup>6</sup> Chum retention was NOT permitted from Oct.16th to Dec.31st.

<sup>7</sup> the recreational fishery assessment concluded on Nov.15th; no assessment conducted from Nov.16th to Dec.31st.

**IRC** - Instantaneous Rod Count of entire study area

**AFC** - Adipose Fin Clip

**na** - not applicable

**NYA** - not yet available