



POST SEASON SUMMARY - DRAFT

Date: November 30th, 2008

FRASER RIVER RECREATIONAL FISHERY ASSESSMENT
May 1st to October 15th, 2008

Table 1 –Lower Fraser River (Non-tidal Fraser River - Region 2) salmon retention limits for the 2008 recreational fishery.¹

Species	Retention Openings	Daily Limit	Notes
Chinook	May 1 to Jun 16*	0	*catch and release only - no retention
	June 16 to Aug 8	1	must be greater than 30 cm and less than 77 cm
	Aug 9 to Dec 31	4	only one over 50cm (after Sept 1, one over 62cm)
Sockeye	July 26 to July 30	2	
Coho	Oct 7 to Dec 31	2	hatchery coho only, no retention of wild
Chum	Jan 1 to Dec 31	2	
Pink	Jan 1 to Dec 31	2	

¹ – In the non-tidal waters of the Fraser River, from a line drawn between two triangular white boundary signs located on opposite sides of the Fraser River approximately 3 km upstream of the confluence with the Harrison River (downstream of Jesperson’s Bar) to the Highway No. 1 Bridge at Hope, BC, there was no fishing for salmon from September 4th to October 6th, 2008.

A complete listing of regulations can be viewed at the Fisheries and Oceans Canada Pacific Region recreational fishery webpage: http://www.pac.dfo-mpo.gc.ca/recfish/default_e.htm

All Fisheries and Oceans fishery notices can be viewed at: <http://ops.info.pac.dfo.ca/fishman/fnotice/fnotice.htm>

STUDY AREA

The 2008 lower Fraser River recreational fishery assessment study area was bounded by the Mission Bridge (downstream boundary) and the mouth of the Coquihalla River (upstream boundary). The Agassiz Bridge separates this study area into 2 sections.

METHODS

Fraser River water levels were obtained from Environment Canada (Figure 1). Levels recorded at the Hope Hydrometric Station were used to avoid tidal effects. These data can be found at: <http://scitech.pyr.ec.gc.ca/waterweb/fullgraph.asp>

The 2008 lower Fraser River recreational fishery assessment began on May 1st and ended on Oct. 15th.

May and June: Two surveyors conducted angler interviews at either Island 22 or Barrowtown boat launch. Hourly rod counts (anglers actively fishing) were conducted by boat in the area south of Island 22, downstream to Grassy Bar (near Chilliwack Mountain).

July and August: One surveyor conducted interviews at Island 22 boat launch in Chilliwack, B.C. A second surveyor conducted interviews at Landstrom Bar in Hope, B.C. Hourly rod counts were conducted at the Landstrom Bar site.

September and October 1st to 15th: One surveyor conducted interviews at Island 22 boat launch in Chilliwack, B.C. A second surveyor conducted interviews at Pegleg Bar in Chilliwack, B.C. Hourly rod counts were conducted at the Pegleg Bar location.

Interviews were obtained from anglers who had finished fishing for the day (complete interviews). At the end of their shift, surveyors collected interviews from anglers still fishing (incomplete interviews) at sites where it was possible. Sites where hourly rod counts were conducted had a total of 9 counts per day. IRCs (Instantaneous Rod Counts of anglers actively fishing) of the entire study area were scheduled once per week for each day type by fixed wing plane (i.e. one weekday and one weekend flight). Historically, angler effort on holidays equals that on weekend days; as such, holidays were pooled with weekend days and classified as weekend day types. Weekday IRCs were randomly assigned to a day from Monday through Friday (excluding holidays); weekend IRCs alternated between Saturday and Sunday; and once per year, a holiday was chosen to assess rather than a weekend day.

Surveyors worked all weekends and holidays with rotating days off during the weekdays. Surveyors worked one of two shifts (morning or afternoon), which were randomly assigned to each survey day. These shifts combined to span the entire daylight hours for each day type surveyed (weekday and weekend) during this study period. Data were blocked by day type (weekday or weekend) as well as the following time blocks:

- | | |
|--|--|
| 1 - May 1 st to 31 st (Chinook retention) | 6 - July 26 th to 30 th (sockeye retention) |
| 2 - June 1 st to 15 th (Chinook retention) | 7 - August 1 st to 15 th (Chinook & chum retention) |
| 3 - June 16 th to 30 th (Chinook retention) | 8 - August 16 th to 31 st (Chinook & chum retention) |
| 4 - July 1 st to 15 th (sockeye non-retention) | 9 - September 1 st to 15 th (Chinook & chum retention) |
| 5 - July 16 th to 25 th and the 31 st (sockeye non-retention) | 10 - September 16 th to 30 th (Chinook & chum retention) |
| | 11 - October 1 st to 15 th (Chinook & chum retention) |

Surveyors conducted angler interviews at their survey site to obtain the following information: where the angler was fishing, length of angling trip, how much longer they intend to fish, target species, gear used, total catch harvested, and total catch released. During periods of retention, if permitted by the angler, the surveyor would inspect the catch to determine whether the angler's species identification was correct and to check for adipose fin-clipped (AFC) fish. Heads from AFC Chinook or coho were requested by surveyors due to the possibility of CWT (coded-wire-tag) presence. If there was any doubt that an adipose fin might have been clipped for a particular fish, for example if the adipose fin was partially regenerated or malformed, the fish was classified as AFC and the head was requested.

Interviews were used to determine HPUE (fish harvested per hour of angling effort), RPUE (fish caught and released per hour of angling effort), and to summarize the angler characteristics listed above. Daily effort is calculated using a combination of hourly rod counts conducted at the survey sites and IRC data of the study area. Total angling effort is estimated by multiplying each day type's estimated daily effort (weekday and weekend) by the number of that day type in the study period. Using the total effort estimate, HPUE and RPUE are expanded to determine harvest and release numbers by species for the entire study area for the period assessed. Such analyses are documented in several DFO publications (Schubert 1992; Schubert 1995).

Interviews from anglers fishing systems other than the Fraser River were excluded from this analysis. Interviews from anglers only targeting sturgeon were also excluded from this analysis. For anglers alternating fishing effort between sturgeon and salmon, the time fishing for sturgeon and the sturgeon release data were excluded from these interviews; only salmon fishing hours, release and harvest data were included. Sturgeon release was not estimated due to different effort profiles required for sturgeon analysis.

Interview data, hourly rod count data and overflight data were stored and analyzed using Microsoft Excel. The data were verified in two steps. First, all field data sheets were examined for compliance with study procedures by the supervising technician and/or the creel data manager. Second, all entered data were error checked once by the supervising technician.

RESULTS - Preliminary

Water Levels

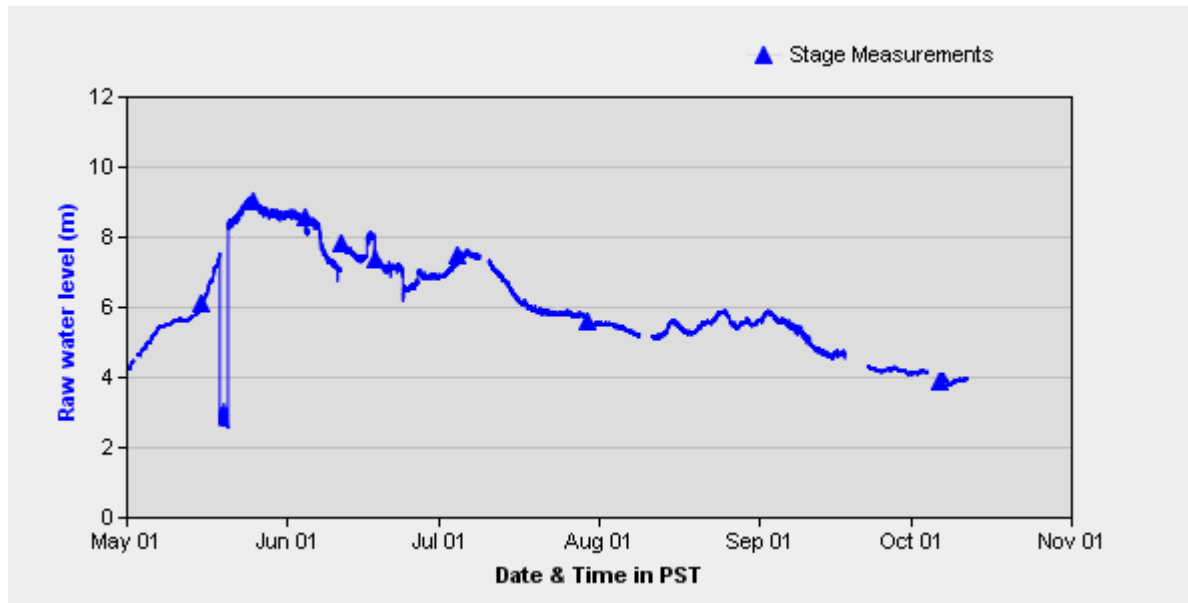


Figure 1 – 2008 Fraser River water level from May 1st to October 15th, 2008, at the Hope Hydrometric Station, Environment Canada Website: <http://scitech.pyr.ec.gc.ca/waterweb/fullgraph.asp> (as accessed on November 24th, 2008).

Angling Effort Profile

An angling effort profile for each day type was generated (Figure 2 and 3) using hourly rod counts at the survey sites (Grassy Bar and Pegleg Bar in Chilliwack and Landstrom Bar in Hope).

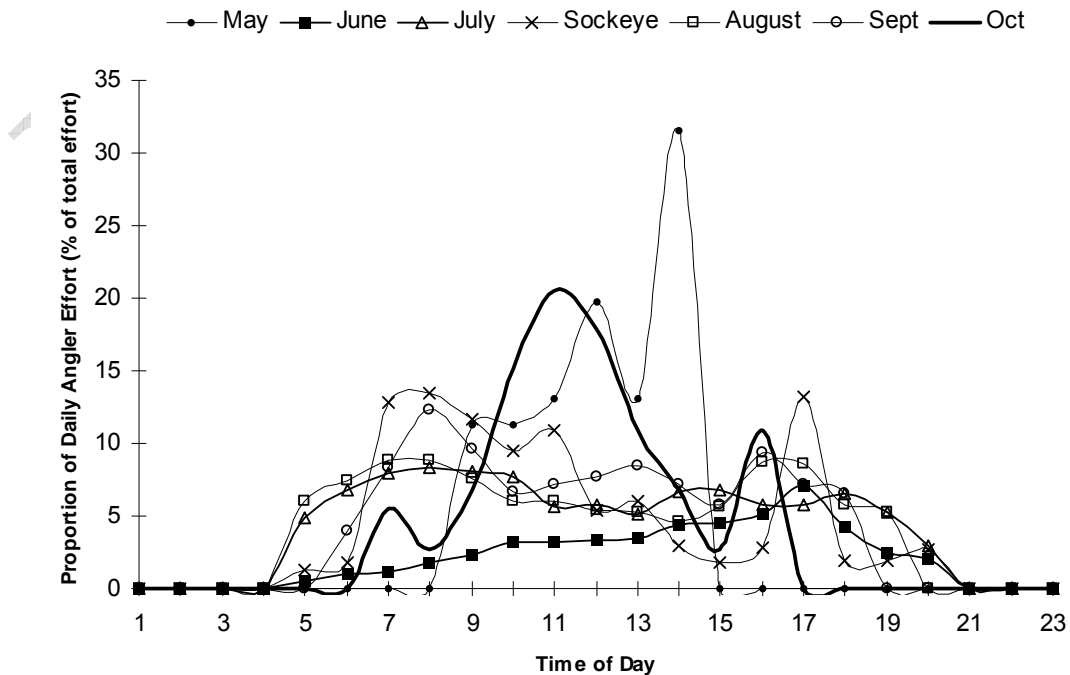


Figure 2 – Preliminary Angling effort profile by hour during weekdays from May 1st to October 15th during the 2008 Lower Fraser River recreational fishery. The sockeye retention period was July 26th to 30th.

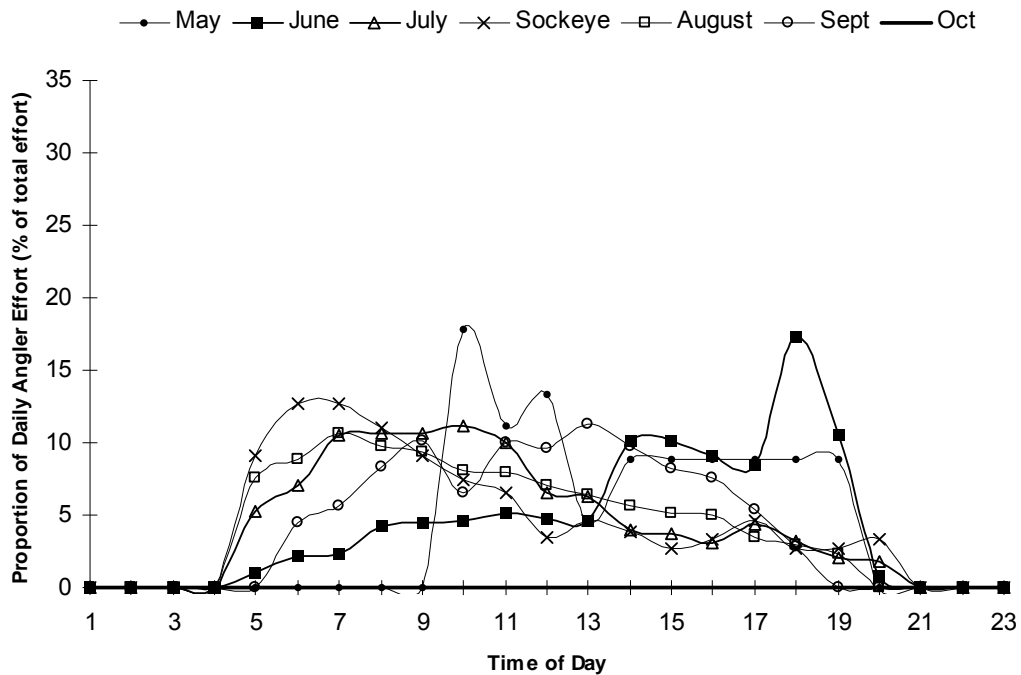


Figure 3 – Preliminary Angling effort profile by hour during weekends from May 1st to October 15th during the 2008 Lower Fraser River recreational fishery. The sockeye retention period was July 26th to 30th.

Survey Effort

Table 2 – Total number of angler interviews in which harvest was recorded with the proportion of inspected catch, species ID and AFC status. Study Period	Total # of interviews	Total # of interviews with harvest	Proportion of harvests which were inspected	Proportion of inspections which had correct species ID	Proportion of inspected CN harvests that were AFC	Proportion of CO harvests that were AFC
May 1-31	9	0	NA	NA	0	0
June 1-15	8	0	NA	NA	0	0
June 16-30	267	25	1.00	1.00	0	0
July 1-15	471	5	1.00	1.00	0	0

July 16-25, 31	563	61	0.84	1.00	0	0
July 26-30	629	486	0.70	1.00	0	0
Aug 1-15	597	134	0.89	1.00	0.0081	0
Aug 16-31	834	383	0.87	1.00	0.0058	0
Sep 1-15	675	111	0.57	1.00	0	0
Sep16-30	305	32	0.78	1.00	0	0
Oct 1-15	241	61	0.87	1.00	0	0

Angling Effort

Table 3A – **Preliminary** Retainable species, average target species, species harvested and released, estimated total angling effort and average trip length for the 2008 Lower Fraser River recreational fishery for May, June and July .

	May	June	July	July 26th -30th sockeye opening
Retainable Species	CN	CN	CN	CN,SK
Average Target Species	CN	CN	CN	CN,SK
Estimated Total Angling Effort (hrs)	258	6,374	27,235	41,826
Average Trip Length (hrs)	4.1	5.4	5.1	4
Salmon Species Harvested	NONE	CN	CN	CN,SK
Salmon Species Released	NONE	CN,SK	CN,CO,SK	CN,SK

Table 3B – **Preliminary** Retainable species, average target species, species harvested and released, estimated total angling effort and average trip length for the 2008 Lower Fraser River recreational fishery for August, September and October 1st to 15th .

	August	September	October 1st - 15th
Retainable Species	CN,CM	CN,CM	CN,CO,CM
Average Target Species	CN	CN,CM	CN,CO,CM
Estimated Total Angling Effort (hrs)	93,013	45,525	10,076
Average Trip Length (hrs)	4.9	5.2	4.4
Salmon Species Harvested	CN	CN,CO,CM	CN,CM
Salmon Species Released	CN,SK	CN,CO,SK,CM	CN,CO,SK,CM

Catch Rates

Table 4 – **Preliminary** Average HPUE for the 2008 Lower Fraser River recreational fishery.

HPUE	May	June	July	July 26th -30th sockeye opening	August	September	October 1st - 15th
Chinook Adult	0	0.017	0.027	0.0034	0.083	0.023	0.0094
Chinook Jack	0	0	0	0.00026	0.0049	0.0044	0
Coho Adult	0	0	0	0	0	0.00027	0
Coho Jack	0	0	0	0	0	0	0
Sockeye	0	0	0	0.39	0.00024	0.0000	0
Pink	0	0	0	0	0	0	0
Chum	0	0	0	0	0.00029	0.0014	0.078

Table 5 – **Preliminary** Average RPUE for the 2008 Lower Fraser River recreational fishery .

RPUE	May	June	July	July 26th -30th sockeye opening	August	September	October 1st - 15th
Chinook Adult	0	0.0097	0.011	0.0035	0.0026	0.0016	0.0025
Chinook Jack	0	0	0.00029	0	0.00084	0	0
Coho Adult	0	0	0.00015	0	0	0.0017	0.0012
Coho Jack	0	0	0	0	0	0	0
Sockeye	0	0.0013	0.12	0.059	0.12	0.0059	0.0025
Pink	0	0	0	0	0	0	0
Chum	0	0	0	0	0	0.036	0.13

Table 6 - **Preliminary** Fraser River recreational fishery assessment results for May 1st – 31st, 2008. Data stratified by day type (weekday and weekend (including holidays)), catch status, species and AFC status.

FRASER RIVER MAINSTEM RECREATIONAL FISHERY **PRELIMINARY ASSESSMENT RESULTS**

(STUDY PERIOD: May 1-31, 2008)

Source Data

	Weekdays	Weekend
Open Days in Study Period	21	10
Number of Survey Shifts	12	10
Number of Interviews	3	6
Interview Hours	8.5	28
Estimated Total Angling Effort (Hours)	93	113

Catch Estimates

	Weekdays		Weekends	
	Harvest	Release	Harvest	Release
Chinook Adult	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Chinook Jack	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Coho Adult	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Coho Jack	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Sockeye	0	0	0	0
Pink	0	0	0	0
Chum	0	0	0	0

Table 7 - Preliminary Fraser River recreational fishery assessment results for June 1st – 15th, 2008. Data stratified by day type (weekday and weekend (including holidays)), catch status, species and AFC status.

**FRASER RIVER MAINSTEM RECREATIONAL FISHERY
PRELIMINARY ASSESSMENT RESULTS**

(STUDY PERIOD: June 1-15, 2008)

Source Data				
	Weekdays	Weekend		
Open Days in Study Period	10	5		
Number of Survey Shifts	3	5		
Number of Interviews	0	8		
Interview Hours	0	23		
Estimated Total Angling Effort (Hours)	0	23		
Catch Estimates				
	Weekdays		Weekends	
	Harvest	Release	Harvest	Release
Chinook Adult	0	0	0	1
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Chinook Jack	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Coho Adult	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Coho Jack	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Sockeye	0	0	0	0
Pink	0	0	0	0
Chum	0	0	0	0

Table 8 - Preliminary Fraser River recreational fishery assessment results for June 16th – 30th, 2008. Data stratified by day type (weekday and weekend (including holidays)), catch status, species and AFC status.

**FRASER RIVER MAINSTEM RECREATIONAL FISHERY
PRELIMINARY ASSESSMENT RESULTS**

(STUDY PERIOD: June 16-30, 2008)

Source Data				
	Weekdays	Weekend		
Open Days in Study Period	11	4		
Number of Survey Shifts	7	4		
Number of Interviews	118	149		
Interview Hours	638.5	834		
Estimated Total Angling Effort (Hours)	3,459	3,207		
Catch Estimates				
	Weekdays		Weekends	
	Harvest	Release	Harvest	Release
Chinook Adult	54	43	58	19
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	54	—	58	—
Chinook Jack	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Coho Adult	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Coho Jack	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Sockeye	0	0	0	8
Pink	0	0	0	0
Chum	0	0	0	0

Table 9 - Preliminary Fraser River recreational fishery assessment results for July 1st – 15th, 2008. Data stratified by day type (weekday and weekend (including holidays)), catch status, species and AFC status.

**FRASER RIVER MAINSTEM RECREATIONAL FISHERY
PRELIMINARY ASSESSMENT RESULTS**

(STUDY PERIOD: July 1-15, 2008)

Source Data				
	Weekdays	Weekend		
Open Days in Study Period	10	5		
Number of Survey Shifts	4	5		
Number of Interviews	104	367		
Interview Hours	446.5	2,032		
Estimated Total Angling Effort (Hours)	9,401	6,690		
Catch Estimates				
	Weekdays		Weekends	
	Harvest	Release	Harvest	Release
Chinook Adult	225	103	200	75
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	225	—	200	—
Chinook Jack	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Coho Adult	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Coho Jack	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Sockeye	0	25	0	155
Pink	0	0	0	0
Chum	0	0	0	0

Table 10 - Preliminary Fraser River recreational fishery assessment results for July 16th – 25th & 31st, 2008. Data stratified by day type (weekday and weekend (including holidays)), catch status, species and AFC status.

**FRASER RIVER MAINSTEM RECREATIONAL FISHERY
PRELIMINARY ASSESSMENT RESULTS**

(STUDY PERIOD: July 16-25 & 31, 2008)

Source Data				
	Weekdays	Weekend		
Open Days in Study Period	9	2		
Number of Survey Shifts	7	2		
Number of Interviews	335	228		
Interview Hours	1,614.5	1,208		
Estimated Total Angling Effort (Hours)	5,636	5,508		
Catch Estimates				
	Weekdays		Weekends	
	Harvest	Release	Harvest	Release
Chinook Adult	196	67	120	51
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	196	—	120	—
Chinook Jack	0	0	0	8
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Coho Adult	0	0	0	4
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Coho Jack	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Sockeye	0	1,350	0	1,719
Pink	0	0	0	0
Chum	0	0	0	0

Table 11 - Preliminary Fraser River recreational fishery assessment results for July 26th – 30th (sockeye retention), 2008.
Data stratified by day type (weekday and weekend (including holidays)), catch status, species and AFC status.

**FRASER RIVER MAINSTEM RECREATIONAL FISHERY
PRELIMINARY ASSESSMENT RESULTS**

(STUDY PERIOD: July 26-30, 2008 - sockeye retention)

Source Data				
	Weekdays	Weekend		
Open Days in Study Period	3	2		
Number of Survey Shifts	1	2		
Number of Interviews	146	483		
Interview Hours	547	1,965		
Estimated Total Angling Effort (Hours)	17,553	24,273		
Catch Estimates				
	Weekdays		Weekends	
	Harvest	Release	Harvest	Release
Chinook Adult	26	64	117	82
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	26	—	117	—
Chinook Jack	0	0	11	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	11	—
Coho Adult	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Coho Jack	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Sockeye	6,088	762	10,244	1,717
Pink	0	0	0	0
Chum	0	0	0	0

Table 12 - Preliminary Fraser River recreational fishery assessment results for August 1st – 15th, 2008. Data stratified by day type (weekday and weekend (including holidays)), catch status, species and AFC status.

FRASER RIVER MAINSTEM RECREATIONAL FISHERY PRELIMINARY ASSESSMENT RESULTS

(STUDY PERIOD: August 1–15, 2008)

Source Data				
	Weekdays	Weekend		
Open Days in Study Period	10	5		
Number of Survey Shifts	6	5		
Number of Interviews	310	287		
Interview Hours	1,616.5	1,294		
Estimated Total Angling Effort (Hours)	14,602	13,113		
Catch Estimates				
	Weekdays		Weekends	
	Harvest	Release	Harvest	Release
Chinook Adult	818	46	515	72
marked (adipose missing)	0	—	11	—
unmarked (adipose present)	818	—	504	—
Chinook Jack	54	12	41	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	54	—	41	—
Coho Adult	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Coho Jack	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Sockeye	12	4,087	0	3,057
Pink	0	0	0	0
Chum	0	0	0	0

Table 13 - Preliminary Fraser River recreational fishery assessment results for August 16th – 31st, 2008. Data stratified by day type (weekday and weekend (including holidays)), catch status, species and AFC status.

**FRASER RIVER MAINSTEM RECREATIONAL FISHERY
PRELIMINARY ASSESSMENT RESULTS**

(STUDY PERIOD: August 16-31, 2008)

Source Data				
	Weekdays	Weekend		
Open Days in Study Period	10	6		
Number of Survey Shifts	6	6		
Number of Interviews	266	568		
Interview Hours	1,292	2,810		
Estimated Total Angling Effort (Hours)	38,080	33,029		
Catch Estimates				
	Weekdays		Weekends	
	Harvest	Release	Harvest	Release
Chinook Adult	4,353	97	2,561	47
marked (adipose missing)	12	—	5	—
unmarked (adipose present)	4,341	—	2,556	—
Chinook Jack	252	65	130	12
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	252	—	130	—
Coho Adult	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Coho Jack	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Sockeye	0	1,731	0	2,234
Pink	0	0	0	0
Chum	27	0	0	0

Table 14 – Preliminary Fraser River recreational fishery assessment results for September 1st - 15th, 2008. Data stratified by day type (weekday and weekend (including holidays)), catch status, species and AFC status.

FRASER RIVER MAINSTEM RECREATIONAL FISHERY ASSESSMENT IN-SEASON RESULTS

(STUDY PERIOD: August 1st – 15th, 2008)

Source Data

	Weekdays	Weekend
Open Days in Study Period	10	5
Number of Survey Shifts	6	5
Number of Interviews	310	287
Interview Hours	1616.5	1,294
Estimated Total Angling Effort (Hours)	14,602	13,113

Catch Estimates

	Weekdays		Weekends	
	Harvest	Release	Harvest	Release
Chinook Adult	818	46	505	72
marked (adipose missing)	0	—	21	—
unmarked (adipose present)	818	—	484	—
Chinook Jack	54	12	41	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	41	—
Coho Adult	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Coho Jack	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Sockeye	12	4,087	0	3,057
Pink	0	0	0	0
Chum	0	0	0	0

**FRASER RIVER MAINSTEM RECREATIONAL FISHERY
ASSESSMENT IN-SEASON RESULTS**

(STUDY PERIOD: August 1st – 15th, 2008)

Source Data

	Weekdays	Weekend
Open Days in Study Period	10	5
Number of Survey Shifts	6	5
Number of Interviews	310	287
Interview Hours	1616.5	1,294
Estimated Total Angling Effort (Hours)	14,602	13,113

Catch Estimates

	Weekdays		Weekends	
	Harvest	Release	Harvest	Release
Chinook Adult	818	46	505	72
marked (adipose missing)	0	—	21	—
unmarked (adipose present)	818	—	484	—
Chinook Jack	54	12	41	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	41	—
Coho Adult	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Coho Jack	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Sockeye	12	4,087	0	3,057
Pink	0	0	0	0
Chum	0	0	0	0

**FRASER RIVER MAINSTEM RECREATIONAL FISHERY
PRELIMINARY ASSESSMENT RESULTS**

(STUDY PERIOD: September 1-15, 2008)

Source Data

	Weekdays	Weekend
Open Days in Study Period	10	5
Number of Survey Shifts	6	5
Number of Interviews	189	486
Interview Hours	854	2,599

Estimated Total Angling Effort (Hours)

15,602

12,343

Catch Estimates

	Weekdays		Weekends	
	Harvest	Release	Harvest	Release
Chinook Adult	332	0	399	52
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	332	—	399	—
Chinook Jack	111	0	81	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	111	—	81	—
Coho Adult	0	0	0	33
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Coho Jack	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Sockeye	0	17	0	76
Pink	0	0	0	0
Chum	0	17	0	0

DRAFT

Table 15 – Preliminary Fraser River recreational fishery assessment results for September 16th – 30th, 2008. Data stratified by day type (weekday and weekend (including holidays)), catch status, species and AFC status.

**FRASER RIVER MAINSTEM RECREATIONAL FISHERY
PRELIMINARY ASSESSMENT RESULTS**

(STUDY PERIOD: September 16-30, 2008)

Source Data				
	Weekdays	Weekend		
Open Days in Study Period	11	4		
Number of Survey Shifts	5	4		
Number of Interviews	157	148		
Interview Hours	975	683		
Estimated Total Angling Effort (Hours)	9,477	8,103		
Catch Estimates				
	Weekdays		Weekends	
	Harvest	Release	Harvest	Release
Chinook Adult	146	19	154	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	146	—	154	—
Chinook Jack	10	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	10	—	0	—
Coho Adult	0	19	12	24
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	12	—
Coho Jack	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Sockeye	0	175	0	0
Pink	0	0	0	0
Chum	29	1,205	36	427

Table 16 - Preliminary Fraser River recreational fishery assessment results for October 1st – 15th, 2008. Data stratified by day type (weekday and weekend (including holidays)), catch status, species and AFC status.

FRASER RIVER MAINSTEM RECREATIONAL FISHERY PRELIMINARY ASSESSMENT RESULTS

(STUDY PERIOD: October 1-15, 2008)

Source Data

	Weekdays	Weekend
Open Days in Study Period	10	5
Number of Survey Shifts	6	5
Number of Interviews	124	117
Interview Hours	517	555
Estimated Total Angling Effort (Hours)	4,679	3,698

Catch Estimates

	Weekdays		Weekends	
	Harvest	Release	Harvest	Release
Chinook Adult	45	18	33	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	45	—	33	—
Chinook Jack	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Coho Adult	0	12	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Coho Jack	0	0	0	0
marked (adipose missing)	0	—	0	—
unmarked (adipose present)	0	—	0	—
Sockeye	0	18	0	0
Pink	0	0	0	0
Chum	335	814	333	460

Table 17 – Preliminary Fraser River recreational fishery assessment summary for May 1st – October 15th, 2008. Total harvest and release (weekday and weekend data combined). Data stratified by catch status and species.

**FRASER RIVER MAINSTEM RECREATIONAL FISHERY
PRELIMINARY ASSESSMENT RESULTS**

	May	June	July non- sockeye	July sockeye	August	September	October (1-15)	2008 TOTALS
Number of Interviews	9	275	1,034	629	1,431	980	241	4,599
Interview Hours	37	1,495	5,301	2,512	7,012	5,110	1,072	22,537
Number of Overflights	4	6	8	1	7	8	3	37
Average Overflight Count	1	25	227	798	253	141	93	220

ANGLER EFFORT

Estimated Effort (hours)	258	6,689	27,235	41,826	98,824	45,525	8,377	228,734
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**ESTIMATED TOTAL
HARVEST**

Chinook Adult	0	112	741	143	8,247	1,031	78	10,352
Chinook Jack	0	0	0	11	477	202	0	690
Coho Adult	0	0	0	0	0	12	0	12
Coho Jack	0	0	0	0	0	0	0	0
Sockeye	0	0	0	16,332	12	0	0	16,344
Pink	0	0	0	0	0	0	0	0
Chum	0	0	0	0	27	65	668	760

ESTIMATED AFC HARVEST (included in estimated total harvest)

Chinook Adult	0	0	0	0	28	0	0	28
Chinook Jack	0	0	0	0	0	0	0	0
Coho Adult	0	0	0	0	0	0	0	0
Coho Jack	0	0	0	0	0	0	0	0

**ESTIMATED
RELEASE**

Chinook Adult	0	63	296	146	262	71	18	856
Chinook Jack	0	0	8	0	89	0	0	97
Coho Adult	0	0	4	0	0	76	12	92
Coho Jack	0	0	0	0	0	0	0	0
Sockeye	0	8	3,249	2,479	11,109	268	18	17,131
Pink	0	0	0	0	0	0	0	0
Chum	0	0	0	0	0	1,649	1,274	2,923

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