

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 15 June 2019



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



Fisheries and Oceans
Canada

Pêches et Océans
Canada

**your
catch
counts**

Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

Date	Day Type	Big Rock Boat Rental	Kitty Coleman	Lund		Saltery Bay	Westview	
		AM	PM	AM	PM	PM	AM	PM
29 May 2019	Midweek							
30 May 2019	Midweek							
31 May 2019	Midweek							
01 Jun 2019	Weekend							4
02 Jun 2019	Weekend						4	
03 Jun 2019	Midweek							
04 Jun 2019	Midweek							
05 Jun 2019	Midweek							
06 Jun 2019	Midweek							
07 Jun 2019	Midweek							
08 Jun 2019	Weekend							
09 Jun 2019	Weekend				2			
10 Jun 2019	Midweek							
11 Jun 2019	Midweek							
12 Jun 2019	Midweek							
13 Jun 2019	Midweek							
14 Jun 2019	Midweek							
15 Jun 2019	Weekend					1		
16 Jun 2019	Weekend		2		2			
17 Jun 2019	Midweek							
18 Jun 2019	Midweek				2			
19 Jun 2019	Midweek							
20 Jun 2019	Midweek							
21 Jun 2019	Midweek							
22 Jun 2019	Weekend							
23 Jun 2019	Weekend							
24 Jun 2019	Midweek							
25 Jun 2019	Midweek							5
26 Jun 2019	Midweek	1						
27 Jun 2019	Midweek							
28 Jun 2019	Midweek							
29 Jun 2019	Weekend			1				
30 Jun 2019	Weekend						4	
01 Jul 2019	Weekend							
02 Jul 2019	Midweek				1			
03 Jul 2019	Midweek							3

Table 2: Daily tally of interviews, catch and effort.

Date	Day	Average Fishing Conditions	Interviews & Log Trips	Chinook	Coho	Sockeye	Halibut	Observed Fishing	Flight Time	Expanded Fishing
29-May-2019	Wednesday		0							
30-May-2019	Thursday		0							
31-May-2019	Friday		0							
01-Jun-2019	Saturday	choppy	4					14	1108	24
02-Jun-2019	Sunday	calm/rippled	4	1						
03-Jun-2019	Monday		0							
04-Jun-2019	Tuesday		0							
05-Jun-2019	Wednesday		1							
06-Jun-2019	Thursday		1							
07-Jun-2019	Friday		1					6	1110	24
08-Jun-2019	Saturday		0							
09-Jun-2019	Sunday	calm/rippled	2					8	1119	14
10-Jun-2019	Monday		0							
11-Jun-2019	Tuesday		0							
12-Jun-2019	Wednesday		0							
13-Jun-2019	Thursday		0					3	1114	12
14-Jun-2019	Friday		1							
15-Jun-2019	Saturday	calm/rippled	3							
16-Jun-2019	Sunday	calm/rippled	4							
17-Jun-2019	Monday		0							
18-Jun-2019	Tuesday	choppy	2							
19-Jun-2019	Wednesday		1							
20-Jun-2019	Thursday		1					4	1105	16
21-Jun-2019	Friday		3							
22-Jun-2019	Saturday		0					12	1105	22
23-Jun-2019	Sunday		1							
24-Jun-2019	Monday		1							
25-Jun-2019	Tuesday	calm/rippled	6							
26-Jun-2019	Wednesday	calm/rippled	3					3	1111	12
27-Jun-2019	Thursday		0							
28-Jun-2019	Friday		0							
29-Jun-2019	Saturday	calm/rippled	4					10	1104	19
30-Jun-2019	Sunday	calm/rippled	5							
01-Jul-2019	Monday (Canada Day)		0							
02-Jul-2019	Tuesday	calm/rippled	4							
03-Jul-2019	Wednesday	calm/rippled	4							
	Totals	calm/rippled	21					4*		16*
	Totals	calm/rippled	27	1				11*		20*

* Average number of boats Observed and Expanded

Table 3: Simple area based cpue (catch per boat trip) expansion.

Day Type	Average Expanded Boats	Number of Days	Total Estimated Effort	CPUE				Retained			
				Chinook	Coho	Sockeye	Halibut	Chinook	Coho	Sockeye	Halibut
Midweek	16	20	320								
Weekend	20	10	200	0.0370				7			

Table 4: Recent years estimates of retained catch and effort.

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	June	325	128			
2015	June	1185	488			1
2016	June	1310	1025	64		
2017	June	1732	1963	57		
2018	June	981	1031			
2019	June	467	9			0
5-Yr Avg	June	1107	927	61		1

Table 5: Sport Head Recovery Review.

Species	Creel Marked Catch	Creel Mark Rate	Creel Submission Rate	iRec Marked Catch	iRec Mark Rate	iRec Submission Rate	Sport Head Recoveries
Coho		%			%		1
Chinook	9	100%	11%		%		1

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	48	18%
iRec Anglers	586	36%
iRec Responses	20	10%

Figure 1: Proportion of each day's fishing by hour.

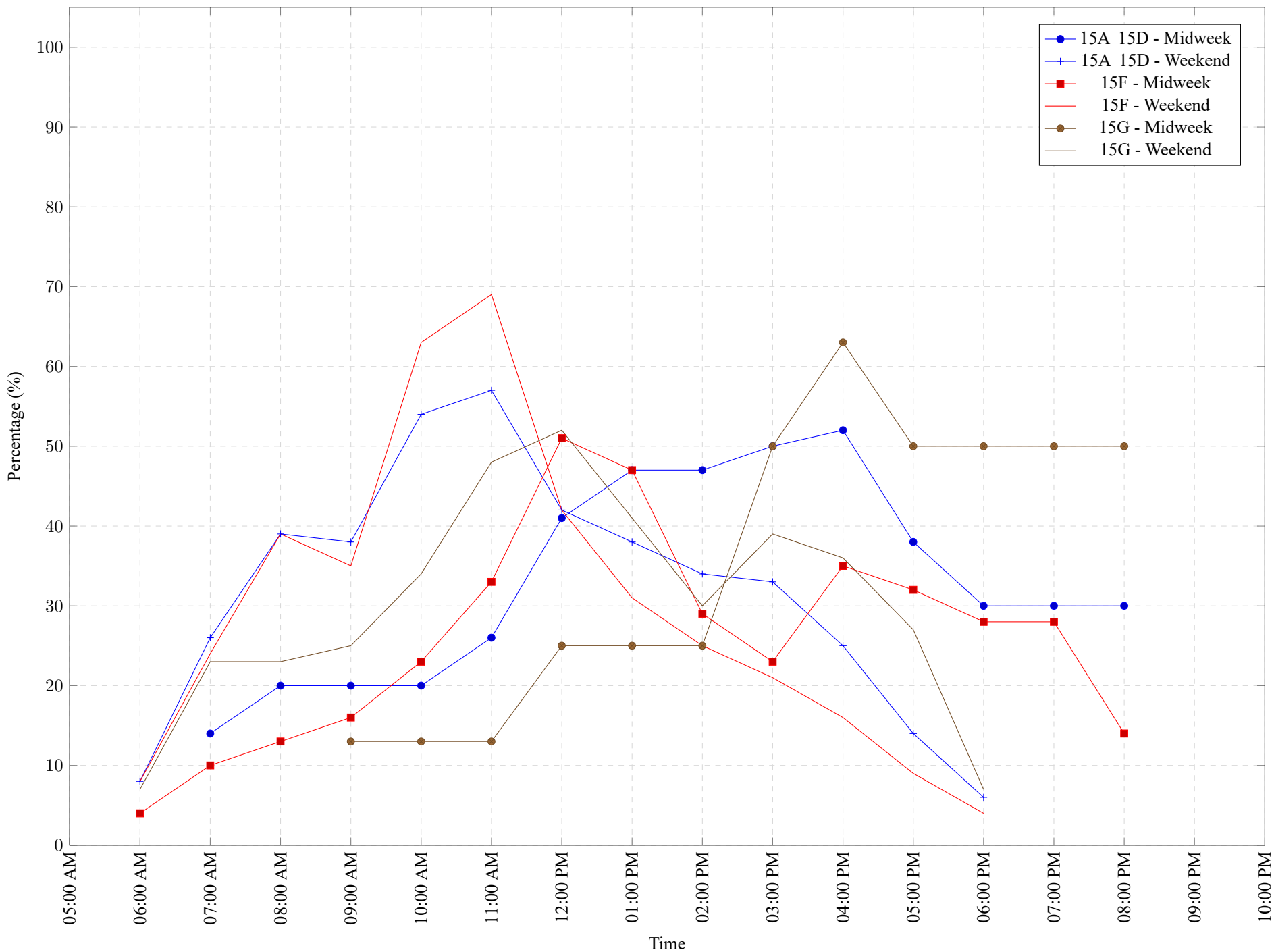


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	01:00 PM	02:00 PM	03:00 PM	04:00 PM	05:00 PM	06:00 PM	07:00 PM	08:00 PM	09:00 PM	10:00 PM
15A 15D	Midweek	0%	14%	20%	20%	20%	26%	41%	47%	47%	50%	52%	38%	30%	30%	30%	0%	0%
15A 15D	Weekend	8%	26%	39%	38%	54%	57%	42%	38%	34%	33%	25%	14%	6%	0%	0%	0%	0%
15F	Midweek	4%	10%	13%	16%	23%	33%	51%	47%	29%	23%	35%	32%	28%	28%	14%	0%	0%
15F	Weekend	8%	24%	39%	35%	63%	69%	42%	31%	25%	21%	16%	9%	4%	0%	0%	0%	0%
15G	Midweek	0%	0%	0%	13%	13%	13%	25%	25%	25%	50%	63%	50%	50%	50%	50%	0%	0%
15G	Weekend	7%	23%	23%	25%	34%	48%	52%	41%	30%	39%	36%	27%	7%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Big Rock Boat Rental	Kitty Coleman	Lund	Saltery Bay	Westview
29 May 2019	Midweek					
30 May 2019	Midweek					
31 May 2019	Midweek					
01 Jun 2019	Weekend					choppy
02 Jun 2019	Weekend					calm/rippled
03 Jun 2019	Midweek					
04 Jun 2019	Midweek					
05 Jun 2019	Midweek					
06 Jun 2019	Midweek					
07 Jun 2019	Midweek					
08 Jun 2019	Weekend					
09 Jun 2019	Weekend			calm/rippled		
10 Jun 2019	Midweek					
11 Jun 2019	Midweek					
12 Jun 2019	Midweek					
13 Jun 2019	Midweek					
14 Jun 2019	Midweek					
15 Jun 2019	Weekend				calm/rippled	
16 Jun 2019	Weekend		calm/rippled	calm/rippled		
17 Jun 2019	Midweek					
18 Jun 2019	Midweek			choppy		
19 Jun 2019	Midweek					
20 Jun 2019	Midweek					
21 Jun 2019	Midweek					
22 Jun 2019	Weekend					
23 Jun 2019	Weekend					
24 Jun 2019	Midweek					
25 Jun 2019	Midweek					calm/rippled
26 Jun 2019	Midweek	calm/rippled				
27 Jun 2019	Midweek					
28 Jun 2019	Midweek					
29 Jun 2019	Weekend			calm/rippled		
30 Jun 2019	Weekend					calm/rippled
01 Jul 2019	Weekend					
02 Jul 2019	Midweek			calm/rippled		
03 Jul 2019	Midweek					calm/rippled