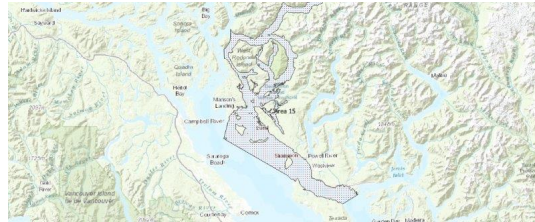


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 15 August 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 10th October, 2024



Fisheries and Oceans
Canada

Pêches et Océans
Canada

**your
catch
counts**

The logo for 'Your Catch Counts' features the text 'your catch counts' in a bold, blue, sans-serif font. The word 'your' is stacked above 'catch', which is stacked above 'counts'. To the right of the word 'catch' is a stylized blue icon of a person holding a fishing rod, with a fish on the line.

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

Date	Day Type	Big Rock Boat Rental		Comox Mun	Discovery Marina South		Lund		Pacific Play	Saltery Bay	Westview	
		AM	PM	PM	AM	PM	AM	PM	PM	PM	AM	PM
29 Jul 2024	Midweek							4				
30 Jul 2024	Midweek											
31 Jul 2024	Midweek										17	
01 Aug 2024	Midweek											
02 Aug 2024	Midweek				1							
03 Aug 2024	Weekend							12				
04 Aug 2024	Weekend								1			
05 Aug 2024	Weekend											29
06 Aug 2024	Midweek							8				
07 Aug 2024	Midweek											
08 Aug 2024	Midweek											
09 Aug 2024	Midweek					1						
10 Aug 2024	Weekend							6				
11 Aug 2024	Weekend	1								1		
12 Aug 2024	Midweek							7				10
13 Aug 2024	Midweek											
14 Aug 2024	Midweek						9					
15 Aug 2024	Midweek											
16 Aug 2024	Midweek											
17 Aug 2024	Weekend	1										16
18 Aug 2024	Weekend							6				
19 Aug 2024	Midweek											6
20 Aug 2024	Midweek							3				
21 Aug 2024	Midweek											
22 Aug 2024	Midweek											
23 Aug 2024	Midweek	2										
24 Aug 2024	Weekend			1								27
25 Aug 2024	Weekend	1										
26 Aug 2024	Midweek											
27 Aug 2024	Midweek											
28 Aug 2024	Midweek											
29 Aug 2024	Midweek								1			
30 Aug 2024	Midweek											
31 Aug 2024	Weekend								1			
01 Sep 2024	Weekend											30
02 Sep 2024	Weekend		1						10			
03 Sep 2024	Midweek											

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-Jul-2024	Monday	choppy	4	2	2					
30-Jul-2024	Tuesday		0							
31-Jul-2024	Wednesday	choppy	17	12	8					
01-Aug-2024	Thursday		0							
02-Aug-2024	Friday	calm/rippled	1	3				38	1132	121
03-Aug-2024	Saturday		0					46	1159	119
04-Aug-2024	Sunday	choppy	12	2						
05-Aug-2024	Monday (B.C. Day)	calm/rippled	30	8	16					
06-Aug-2024	Tuesday		0							
07-Aug-2024	Wednesday	calm/rippled	8	2				11	1146	34
08-Aug-2024	Thursday		0							
09-Aug-2024	Friday	calm/rippled	1	2						
10-Aug-2024	Saturday	calm/rippled	6	5						
11-Aug-2024	Sunday	choppy	2		1			27	1157	68
12-Aug-2024	Monday	choppy	10	8	7			43	1150	135
13-Aug-2024	Tuesday	choppy	7							
14-Aug-2024	Wednesday	choppy	9	5	1					
15-Aug-2024	Thursday		0							
16-Aug-2024	Friday		0							
17-Aug-2024	Saturday	choppy	17	12	4					
18-Aug-2024	Sunday	choppy	6					8	1222	22
19-Aug-2024	Monday	choppy	6	3	4					
20-Aug-2024	Tuesday	choppy	3							
21-Aug-2024	Wednesday		0							
22-Aug-2024	Thursday		0							
23-Aug-2024	Friday	calm/rippled	2	2				26	1142	82
24-Aug-2024	Saturday	choppy	28	12	4			25	1143	60
25-Aug-2024	Sunday	calm/rippled	1	2				10	1139	24
26-Aug-2024	Monday		0							
27-Aug-2024	Tuesday		0							
28-Aug-2024	Wednesday		0					10	1145	31
29-Aug-2024	Thursday	choppy	1							
30-Aug-2024	Friday		0							
31-Aug-2024	Saturday	calm/rippled	1	2	3					
01-Sep-2024	Sunday	calm/rippled	30	9	14					
02-Sep-2024	Monday (Labour Day)	choppy	11	5	8			35	1233	95
03-Sep-2024	Tuesday		0							
	Totals	choppy	48	25	12			26*		81*
	Totals	choppy	103	43	28			23*		59*

* 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
Weekend	59	10	590	0.417	0.272			246	160		
Midweek	81	21	1701	0.521	0.25			886	425		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	August	2017	1442	85		0
2020	August	1576	436	105		0
2021	August	2797	1319	96		69
2022	August	3246	2473	62	0	0
2023	August	1333	820	93		16
2024	August	2165	1133	580	0	0
5-Yr Avg	August	2194	1298	88	0	17

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

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	151	1%

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

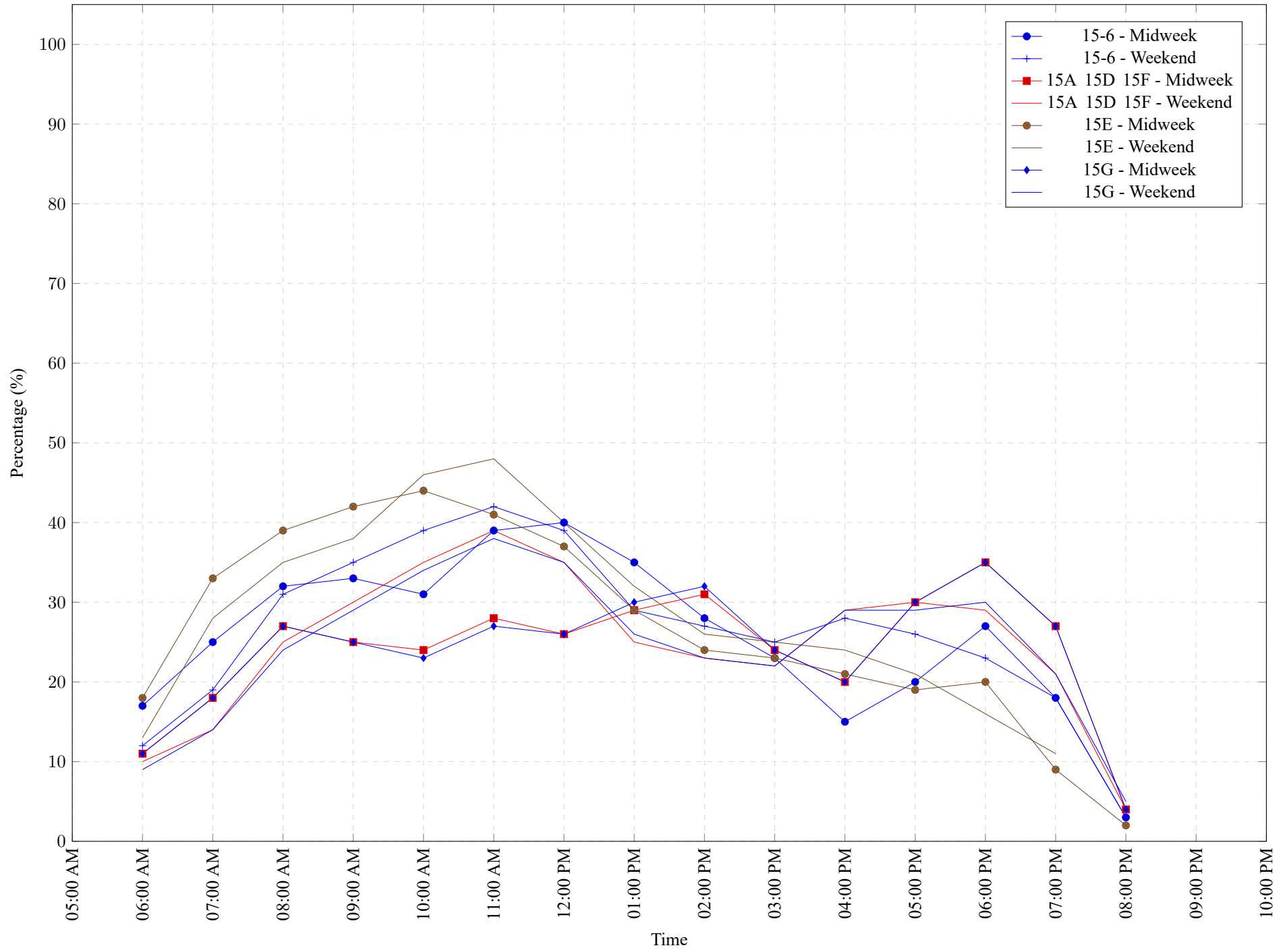


Table 7: Proportion of each day's fishing by hour.

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
15-6	Midweek	17%	25%	32%	33%	31%	39%	40%	35%	28%	23%	15%	20%	27%	18%	3%	0%	0%
15-6	Weekend	12%	19%	31%	35%	39%	42%	39%	29%	27%	25%	28%	26%	23%	18%	3%	0%	0%
15A 15D 15F	Midweek	11%	18%	27%	25%	24%	28%	26%	29%	31%	24%	20%	30%	35%	27%	4%	0%	0%
15A 15D 15F	Weekend	10%	14%	25%	30%	35%	39%	35%	25%	23%	22%	29%	30%	29%	21%	4%	0%	0%
15E	Midweek	18%	33%	39%	42%	44%	41%	37%	29%	24%	23%	21%	19%	20%	9%	2%	0%	0%
15E	Weekend	13%	28%	35%	38%	46%	48%	40%	32%	26%	25%	24%	21%	16%	11%	0%	0%	0%
15G	Midweek	11%	18%	27%	25%	23%	27%	26%	30%	32%	24%	20%	30%	35%	27%	4%	0%	0%
15G	Weekend	9%	14%	24%	29%	34%	38%	35%	26%	23%	22%	29%	29%	30%	21%	5%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Big Rock Boat Rental	Comox Mun	Discovery Marina South	Lund	Pacific Play	Saltery Bay	Westview
29 Jul 2024	Midweek				choppy			
30 Jul 2024	Midweek							
31 Jul 2024	Midweek							choppy
01 Aug 2024	Midweek							
02 Aug 2024	Midweek			calm/rippled				
03 Aug 2024	Weekend							
04 Aug 2024	Weekend				choppy			
05 Aug 2024	Weekend					calm/rippled		calm/rippled
06 Aug 2024	Midweek							
07 Aug 2024	Midweek				calm/rippled			
08 Aug 2024	Midweek							
09 Aug 2024	Midweek			calm/rippled				
10 Aug 2024	Weekend				calm/rippled			
11 Aug 2024	Weekend	calm/rippled					choppy	
12 Aug 2024	Midweek							choppy
13 Aug 2024	Midweek				choppy			
14 Aug 2024	Midweek				choppy			
15 Aug 2024	Midweek							
16 Aug 2024	Midweek							
17 Aug 2024	Weekend	calm/rippled						choppy
18 Aug 2024	Weekend				choppy			
19 Aug 2024	Midweek							choppy
20 Aug 2024	Midweek				choppy			
21 Aug 2024	Midweek							
22 Aug 2024	Midweek							
23 Aug 2024	Midweek	calm/rippled						
24 Aug 2024	Weekend		choppy					choppy
25 Aug 2024	Weekend	calm/rippled						
26 Aug 2024	Midweek							
27 Aug 2024	Midweek							
28 Aug 2024	Midweek							
29 Aug 2024	Midweek					choppy		
30 Aug 2024	Midweek							
31 Aug 2024	Weekend					calm/rippled		
01 Sep 2024	Weekend							calm/rippled
02 Sep 2024	Weekend	choppy			choppy			
03 Sep 2024	Midweek							