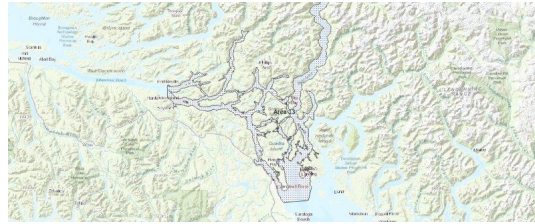


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 13 April 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Saturday 3rd August, 2024



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		Brown's Bay		Discovery Marina South		Pacific Play	Westview
		AM	PM	AM	PM	AM	PM	PM	PM
29 Mar 2024	Weekend								
30 Mar 2024	Weekend								
31 Mar 2024	Weekend								
01 Apr 2024	Midweek	12							
02 Apr 2024	Midweek								
03 Apr 2024	Midweek	3							
04 Apr 2024	Midweek								
05 Apr 2024	Midweek							3	
06 Apr 2024	Weekend								
07 Apr 2024	Weekend						3	1	
08 Apr 2024	Midweek								
09 Apr 2024	Midweek		5						
10 Apr 2024	Midweek					3			
11 Apr 2024	Midweek								
12 Apr 2024	Midweek								
13 Apr 2024	Weekend		5				5		
14 Apr 2024	Weekend								
15 Apr 2024	Midweek								
16 Apr 2024	Midweek								
17 Apr 2024	Midweek		17						
18 Apr 2024	Midweek	8							
19 Apr 2024	Midweek						2		
20 Apr 2024	Weekend		4						
21 Apr 2024	Weekend					1		1	
22 Apr 2024	Midweek								
23 Apr 2024	Midweek								
24 Apr 2024	Midweek		8						
25 Apr 2024	Midweek								
26 Apr 2024	Midweek								
27 Apr 2024	Weekend				1				1
28 Apr 2024	Weekend	1							
29 Apr 2024	Midweek								
30 Apr 2024	Midweek								
01 May 2024	Midweek			2					
02 May 2024	Midweek							2	
03 May 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-Mar-2024	Friday (Good Friday)		0							
30-Mar-2024	Saturday		2	2						
31-Mar-2024	Sunday		2							
01-Apr-2024	Monday	calm/rippled	14					18	1106	42
02-Apr-2024	Tuesday		0							
03-Apr-2024	Wednesday	calm/rippled	3							
04-Apr-2024	Thursday		0							
05-Apr-2024	Friday	calm/rippled	3							
06-Apr-2024	Saturday		0							
07-Apr-2024	Sunday	choppy	4					6	1116	30
08-Apr-2024	Monday		0							
09-Apr-2024	Tuesday	calm/rippled	5					4	1144	10
10-Apr-2024	Wednesday	calm/rippled	3							
11-Apr-2024	Thursday		0							
12-Apr-2024	Friday		0							
13-Apr-2024	Saturday	calm/rippled	10					6	1123	27
14-Apr-2024	Sunday		0							
15-Apr-2024	Monday		0							
16-Apr-2024	Tuesday		2							
17-Apr-2024	Wednesday	calm/rippled	17					7	1107	16
18-Apr-2024	Thursday	calm/rippled	8							
19-Apr-2024	Friday	choppy	2							
20-Apr-2024	Saturday	choppy	4							
21-Apr-2024	Sunday	choppy	2					9	1106	49
22-Apr-2024	Monday		0							
23-Apr-2024	Tuesday		1	2				4	1103	9
24-Apr-2024	Wednesday	calm/rippled	8	2						
25-Apr-2024	Thursday		1	2						
26-Apr-2024	Friday		0							
27-Apr-2024	Saturday	choppy	3	3				5	1105	20
28-Apr-2024	Sunday	calm/rippled	2							
29-Apr-2024	Monday		0							
30-Apr-2024	Tuesday		0							
01-May-2024	Wednesday	calm/rippled	2							
02-May-2024	Thursday	calm/rippled	2					25	1111	58
03-May-2024	Friday		1	1						
	Totals	calm/rippled	67	6				8*		19*
	Totals	choppy	25	3				7*		32*

* 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	32	8	256	0.12				31			
Midweek	19	22	418	0.09				38			

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2022	April	267	25			0
2023	April	270	0			0
2024	April	554	14			0
5-Yr Avg	April	269	13			0

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
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Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	84	0%
iRec Anglers	336	24%

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

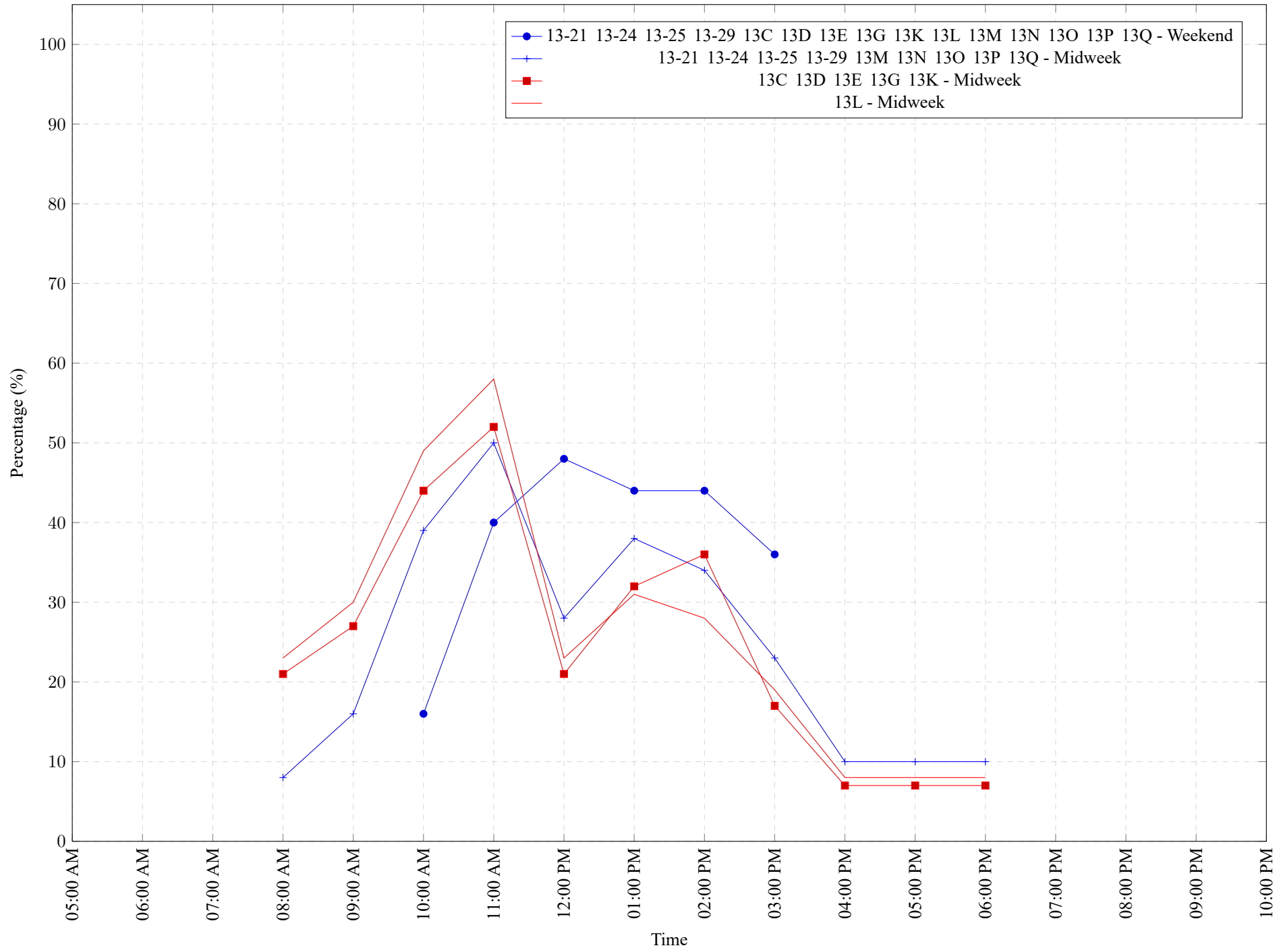


Table 7: Proportion of each day's fishing by hour.

Areas														Day Type	6:00	7:00	8:00	9:00	10:00	11:00	12:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00
															AM	AM	AM	AM	AM	AM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
13-21	13-24	13-25	13-29	13C	13D	13E	13G	13K	13L	13M	13N	13O	13P	13Q	Weekend	0%	0%	0%	0%	16%	40%	48%	44%	44%	36%	0%	0%	0%	0%	0%	0%
13-21 13-24 13-25 13-29 13M 13N 13O 13P 13Q														Midweek	0%	0%	8%	16%	39%	50%	28%	38%	34%	23%	10%	10%	10%	0%	0%	0%	0%
13C 13D 13E 13G 13K														Midweek	0%	0%	21%	27%	44%	52%	21%	32%	36%	17%	7%	7%	7%	0%	0%	0%	0%
13L														Midweek	0%	0%	23%	30%	49%	58%	23%	31%	28%	19%	8%	8%	8%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Big Rock Boat Rental	Brown's Bay	Discovery Marina South	Pacific Play	Westview
29 Mar 2024	Weekend					
30 Mar 2024	Weekend					
31 Mar 2024	Weekend					
01 Apr 2024	Midweek	calm/rippled				
02 Apr 2024	Midweek					
03 Apr 2024	Midweek	calm/rippled				
04 Apr 2024	Midweek					
05 Apr 2024	Midweek				calm/rippled	
06 Apr 2024	Weekend					
07 Apr 2024	Weekend			choppy	frequent whitecaps	
08 Apr 2024	Midweek					
09 Apr 2024	Midweek	calm/rippled				
10 Apr 2024	Midweek			calm/rippled		
11 Apr 2024	Midweek					
12 Apr 2024	Midweek					
13 Apr 2024	Weekend	choppy		calm/rippled		
14 Apr 2024	Weekend					
15 Apr 2024	Midweek					
16 Apr 2024	Midweek					
17 Apr 2024	Midweek	calm/rippled				
18 Apr 2024	Midweek	calm/rippled				
19 Apr 2024	Midweek			choppy		
20 Apr 2024	Weekend	choppy				
21 Apr 2024	Weekend			choppy	choppy	
22 Apr 2024	Midweek					
23 Apr 2024	Midweek					
24 Apr 2024	Midweek	calm/rippled				
25 Apr 2024	Midweek					
26 Apr 2024	Midweek					
27 Apr 2024	Weekend		choppy			frequent whitecaps
28 Apr 2024	Weekend	calm/rippled				
29 Apr 2024	Midweek					
30 Apr 2024	Midweek		calm/rippled			
01 May 2024	Midweek					
02 May 2024	Midweek				calm/rippled	
03 May 2024	Midweek					