

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 15 April 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Wednesday 12th June, 2024



Fisheries and Oceans
Canada

Pêches et Océans
Canada

**your
catch
counts**

The logo for 'Your Catch Counts' features the words 'your', 'catch', and 'counts' stacked vertically in a bold, blue, sans-serif font. 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	Discov- ery Marina South	Lund		Pacific Play	Westview	
		PM	PM	AM	PM	PM	AM	PM
29 Mar 2024	Weekend							
30 Mar 2024	Weekend							
31 Mar 2024	Weekend							
01 Apr 2024	Midweek							
02 Apr 2024	Midweek							
03 Apr 2024	Midweek							
04 Apr 2024	Midweek							
05 Apr 2024	Midweek							
06 Apr 2024	Weekend					1		
07 Apr 2024	Weekend							
08 Apr 2024	Midweek							
09 Apr 2024	Midweek	2						
10 Apr 2024	Midweek							
11 Apr 2024	Midweek							
12 Apr 2024	Midweek							
13 Apr 2024	Weekend		1					
14 Apr 2024	Weekend							
15 Apr 2024	Midweek							
16 Apr 2024	Midweek							
17 Apr 2024	Midweek	1						
18 Apr 2024	Midweek							
19 Apr 2024	Midweek		1				6	
20 Apr 2024	Weekend			1				
21 Apr 2024	Weekend					2		
22 Apr 2024	Midweek			2				
23 Apr 2024	Midweek				3			
24 Apr 2024	Midweek							6
25 Apr 2024	Midweek							
26 Apr 2024	Midweek					1		
27 Apr 2024	Weekend							
28 Apr 2024	Weekend				1			
29 Apr 2024	Midweek							
30 Apr 2024	Midweek							
01 May 2024	Midweek							
02 May 2024	Midweek					1		
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		0							
31-Mar-2024	Sunday		0							
01-Apr-2024	Monday		0					10	1223	44
02-Apr-2024	Tuesday		0							
03-Apr-2024	Wednesday		0							
04-Apr-2024	Thursday		0							
05-Apr-2024	Friday		0							
06-Apr-2024	Saturday		0							
07-Apr-2024	Sunday	frequent whitecaps	1					9	1231	17
08-Apr-2024	Monday		0							
09-Apr-2024	Tuesday	calm/rippled	2					6	1234	26
10-Apr-2024	Wednesday		0							
11-Apr-2024	Thursday		0							
12-Apr-2024	Friday		0							
13-Apr-2024	Saturday	calm/rippled	1					5	1235	10
14-Apr-2024	Sunday		0							
15-Apr-2024	Monday		0							
16-Apr-2024	Tuesday		0							
17-Apr-2024	Wednesday	calm/rippled	1	2				3	1220	12
18-Apr-2024	Thursday		0							
19-Apr-2024	Friday	calm/rippled	7							
20-Apr-2024	Saturday	calm/rippled	1							
21-Apr-2024	Sunday	choppy	2					7	1223	14
22-Apr-2024	Monday	calm/rippled	2							
23-Apr-2024	Tuesday	calm/rippled	3					8	1216	28
24-Apr-2024	Wednesday	calm/rippled	6							
25-Apr-2024	Thursday		0							
26-Apr-2024	Friday	choppy	1							
27-Apr-2024	Saturday		0					4	1225	8
28-Apr-2024	Sunday	frequent whitecaps	1							
29-Apr-2024	Monday		0							
30-Apr-2024	Tuesday		0							
01-May-2024	Wednesday		0							
02-May-2024	Thursday	calm/rippled	1					8	1224	35
03-May-2024	Friday		0							
	Totals	calm/rippled	22	2				7*		28*
	Totals	choppy	6					6*		12*

* 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	28	22	616	0.091				56			
Weekend	12	8	96								

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2022	April	213	7			0
2023	April	483	0			0
2024	April	664	61			0
5-Yr Avg	April	348	4			0

Table 5: Sport Head Recovery Review.

Species	Creel Marked Catch	Creel Mark Rate	Creel Submission Rate	iRec Catch	iRec Mark Rate	iRec Submission Rate	Sport Head Recoveries

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	28	0%
iRec Anglers	249	5%

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

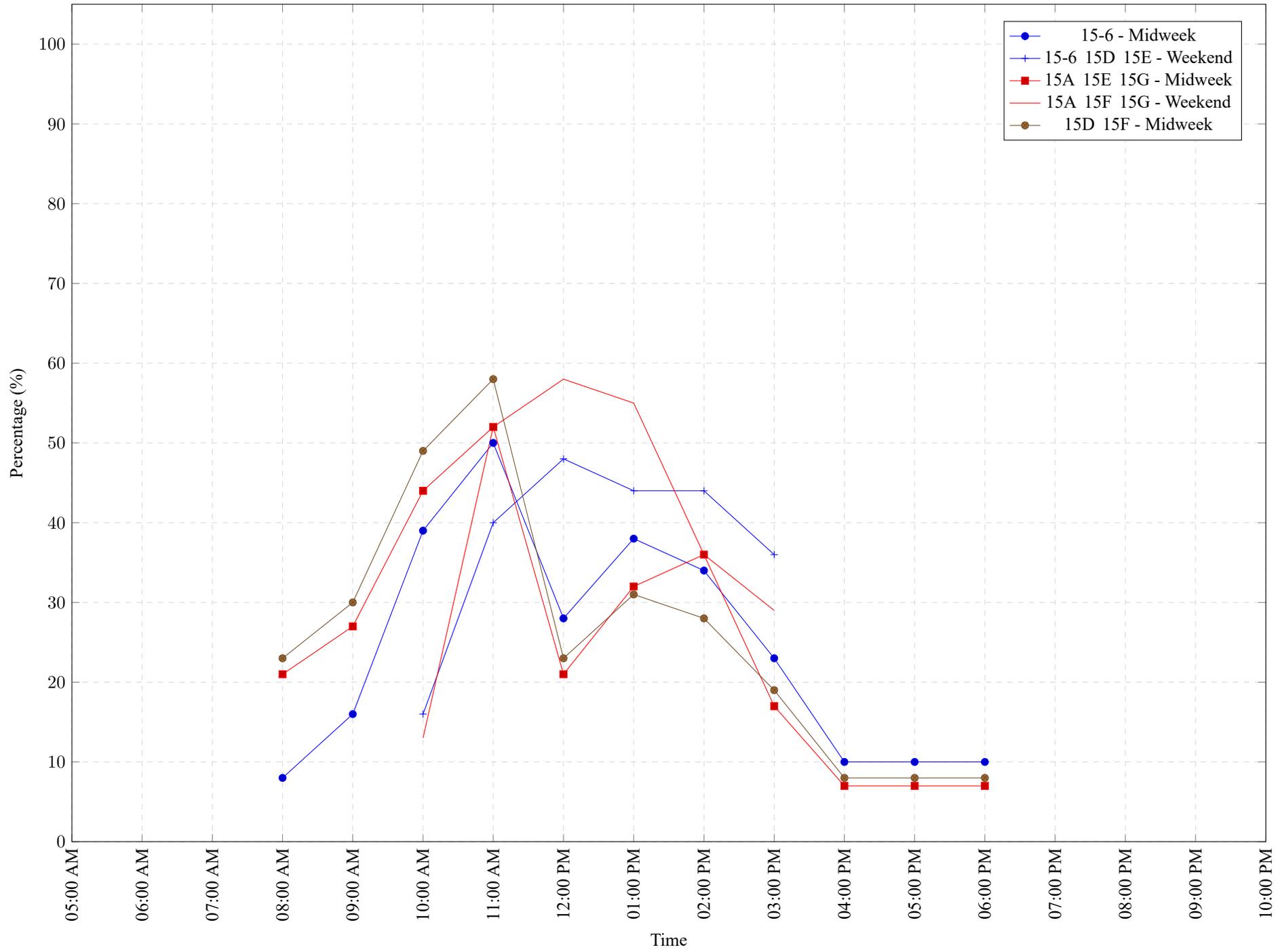


Table 7: Proportion of each day's fishing by hour.

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	0%	0%	8%	16%	39%	50%	28%	38%	34%	23%	10%	10%	10%	0%	0%	0%	0%
15-6 15D 15E	Weekend	0%	0%	0%	0%	16%	40%	48%	44%	44%	36%	0%	0%	0%	0%	0%	0%	0%
15A 15E 15G	Midweek	0%	0%	21%	27%	44%	52%	21%	32%	36%	17%	7%	7%	7%	0%	0%	0%	0%
15A 15F 15G	Weekend	0%	0%	0%	0%	13%	52%	58%	55%	36%	29%	0%	0%	0%	0%	0%	0%	0%
15D 15F	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	Discovery Marina South	Lund	Pacific Play	Westview
29 Mar 2024	Weekend					
30 Mar 2024	Weekend					
31 Mar 2024	Weekend					
01 Apr 2024	Midweek					
02 Apr 2024	Midweek					
03 Apr 2024	Midweek					
04 Apr 2024	Midweek					
05 Apr 2024	Midweek					
06 Apr 2024	Weekend					
07 Apr 2024	Weekend				frequent whitecaps	
08 Apr 2024	Midweek					
09 Apr 2024	Midweek	calm/rippled				
10 Apr 2024	Midweek					
11 Apr 2024	Midweek					
12 Apr 2024	Midweek					
13 Apr 2024	Weekend		calm/rippled			
14 Apr 2024	Weekend					
15 Apr 2024	Midweek					
16 Apr 2024	Midweek					
17 Apr 2024	Midweek	calm/rippled				
18 Apr 2024	Midweek					
19 Apr 2024	Midweek		choppy			calm/rippled
20 Apr 2024	Weekend			calm/rippled		
21 Apr 2024	Weekend				choppy	
22 Apr 2024	Midweek			calm/rippled		
23 Apr 2024	Midweek			calm/rippled		
24 Apr 2024	Midweek					calm/rippled
25 Apr 2024	Midweek					
26 Apr 2024	Midweek				choppy	
27 Apr 2024	Weekend					
28 Apr 2024	Weekend			frequent whitecaps		
29 Apr 2024	Midweek					
30 Apr 2024	Midweek					
01 May 2024	Midweek					
02 May 2024	Midweek				calm/rippled	
03 May 2024	Midweek					