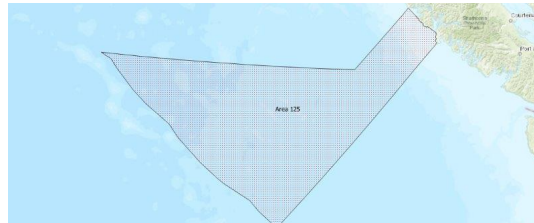


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 125 June 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Saturday 7th December, 2024



Fisheries and Oceans
Canada

Pêches et Océans
Canada

**your
catch
counts**

The logo for 'your catch counts' features the text 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	Cougar Creek		Moutcha Bay Resort MD	Westview Marina			Zeballos	
		AM	MD		AM	MD	PM	MD	PM
29 May 2024	Midweek								
30 May 2024	Midweek								
31 May 2024	Midweek								
01 Jun 2024	Weekend								
02 Jun 2024	Weekend								
03 Jun 2024	Midweek					1			
04 Jun 2024	Midweek					1			
05 Jun 2024	Midweek					1			
06 Jun 2024	Midweek					1			
07 Jun 2024	Midweek								1
08 Jun 2024	Weekend								
09 Jun 2024	Weekend			1					
10 Jun 2024	Midweek								
11 Jun 2024	Midweek								
12 Jun 2024	Midweek			1					
13 Jun 2024	Midweek								
14 Jun 2024	Midweek							4	
15 Jun 2024	Weekend							7	
16 Jun 2024	Weekend		2						
17 Jun 2024	Midweek	2							
18 Jun 2024	Midweek							2	
19 Jun 2024	Midweek						2		
20 Jun 2024	Midweek		4			2			
21 Jun 2024	Midweek			5			1		
22 Jun 2024	Weekend								
23 Jun 2024	Weekend								
24 Jun 2024	Midweek								
25 Jun 2024	Midweek								
26 Jun 2024	Midweek	2				4			
27 Jun 2024	Midweek					1			
28 Jun 2024	Midweek			10	1				
29 Jun 2024	Weekend			7					
30 Jun 2024	Weekend			11					
01 Jul 2024	Weekend								
02 Jul 2024	Midweek		2						
03 Jul 2024	Midweek			2			1		

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-2024	Wednesday		0							
30-May-2024	Thursday		0							
31-May-2024	Friday		0							
01-Jun-2024	Saturday		0							
02-Jun-2024	Sunday		0							
03-Jun-2024	Monday	choppy	1				1			
04-Jun-2024	Tuesday	calm/rippled	1							
05-Jun-2024	Wednesday	calm/rippled	1							
06-Jun-2024	Thursday	calm/rippled	1					0	1033	0
07-Jun-2024	Friday	calm/rippled	1	3			2			
08-Jun-2024	Saturday		0							
09-Jun-2024	Sunday	choppy	1	2						
10-Jun-2024	Monday		0							
11-Jun-2024	Tuesday		0							
12-Jun-2024	Wednesday	calm/rippled	2	6						
13-Jun-2024	Thursday		0							
14-Jun-2024	Friday	calm/rippled	5				2	26	0824	32
15-Jun-2024	Saturday	calm/rippled	8				3	39	0818	42
16-Jun-2024	Sunday	calm/rippled	2	5						
17-Jun-2024	Monday	calm/rippled	2	5			1			
18-Jun-2024	Tuesday	calm/rippled	2				7	26	0823	32
19-Jun-2024	Wednesday	choppy	3							
20-Jun-2024	Thursday	choppy	7	12	12		2	3	0948	4
21-Jun-2024	Friday	calm/rippled	6	7	5		4			
22-Jun-2024	Saturday		0					27	0846	29
23-Jun-2024	Sunday		0							
24-Jun-2024	Monday		1	6	1					
25-Jun-2024	Tuesday		2	4			3	31	0815	39
26-Jun-2024	Wednesday	calm/rippled	8	23	2		9			
27-Jun-2024	Thursday	calm/rippled	2	2	1		7			
28-Jun-2024	Friday	calm/rippled	11	1			1			
29-Jun-2024	Saturday	calm/rippled	7	28	6					
30-Jun-2024	Sunday	choppy	11	18	2		2	12	0847	13
01-Jul-2024	Monday (Canada Day)		0							
02-Jul-2024	Tuesday	choppy	2	3				9	0825	11
03-Jul-2024	Wednesday	choppy	4	4	2		1			
	Totals	calm/rippled	56	69	21		39	17*		21*
	Totals	calm/rippled	29	53	8		5	26*		28*

* 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	21	20	420	1.232	0.375		0.696	517	158		292
Weekend	28	10	280	1.828	0.276		0.172	512	77		48

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	June	780	519	96		106
2020	June	182	98	5		110
2021	June	671	985	545		195
2022	June	523	834	484	0	291
2023	June	1538	2646	847		653
2024	June	1014	1408	414		507
5-Yr Avg	June	739	1016	395	0	271

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
Chinook	582	41%	5%	119	31%	23%	27

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	83	39%
iRec Anglers	663	44%

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

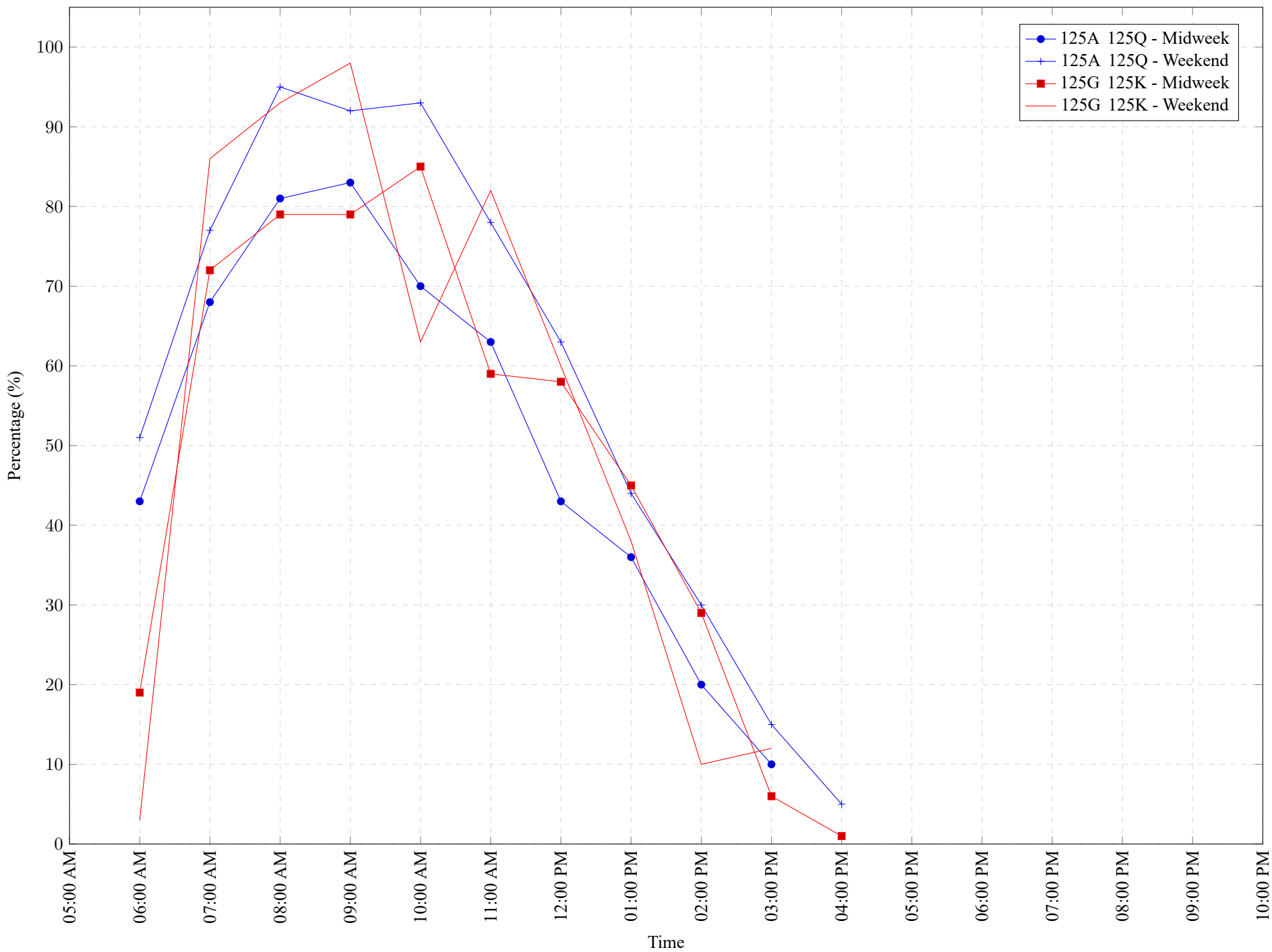


Table 7: Proportion of each day's fishing by hour.

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
125A	125Q	Midweek	43%	68%	81%	83%	70%	63%	43%	36%	20%	10%	0%	0%	0%	0%	0%	0%	0%
125A	125Q	Weekend	51%	77%	95%	92%	93%	78%	63%	44%	30%	15%	5%	0%	0%	0%	0%	0%	0%
125G	125K	Midweek	19%	72%	79%	79%	85%	59%	58%	45%	29%	6%	1%	0%	0%	0%	0%	0%	0%
125G	125K	Weekend	3%	86%	93%	98%	63%	82%	60%	38%	10%	12%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Cougar Creek	Moutcha Bay Resort	Westview Marina	Zeballos
29 May 2024	Midweek				
30 May 2024	Midweek				
31 May 2024	Midweek				
01 Jun 2024	Weekend				
02 Jun 2024	Weekend				
03 Jun 2024	Midweek			choppy	
04 Jun 2024	Midweek			calm/rippled	
05 Jun 2024	Midweek			calm/rippled	
06 Jun 2024	Midweek			calm/rippled	
07 Jun 2024	Midweek				calm/rippled
08 Jun 2024	Weekend				
09 Jun 2024	Weekend		choppy		
10 Jun 2024	Midweek				
11 Jun 2024	Midweek				
12 Jun 2024	Midweek		calm/rippled		
13 Jun 2024	Midweek				
14 Jun 2024	Midweek				calm/rippled
15 Jun 2024	Weekend				calm/rippled
16 Jun 2024	Weekend	calm/rippled			
17 Jun 2024	Midweek	calm/rippled			
18 Jun 2024	Midweek				calm/rippled
19 Jun 2024	Midweek			choppy	
20 Jun 2024	Midweek	choppy		choppy	
21 Jun 2024	Midweek		calm/rippled	choppy	
22 Jun 2024	Weekend				
23 Jun 2024	Weekend				
24 Jun 2024	Midweek				
25 Jun 2024	Midweek				
26 Jun 2024	Midweek	calm/rippled		calm/rippled	
27 Jun 2024	Midweek			calm/rippled	
28 Jun 2024	Midweek		calm/rippled	choppy	
29 Jun 2024	Weekend		calm/rippled		
30 Jun 2024	Weekend		choppy		
01 Jul 2024	Weekend				
02 Jul 2024	Midweek	choppy			
03 Jul 2024	Midweek		choppy	choppy	