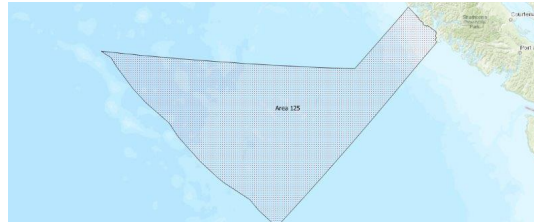


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 125 August 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Saturday 7th December, 2024



Fisheries and Oceans
Canada

Pêches et Océans
Canada



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

Date	Day Type	Cougar Creek		Crittter Cove			Moutcha Bay Resort			Westview Marina		
		MD	PM	AM	MD	PM	AM	MD	PM	AM	MD	PM
29 Jul 2024	Midweek							3				3
30 Jul 2024	Midweek			1								
31 Jul 2024	Midweek					1			10			7
01 Aug 2024	Midweek				2			4			1	
02 Aug 2024	Midweek					1			3			
03 Aug 2024	Weekend					1		4				
04 Aug 2024	Weekend											
05 Aug 2024	Weekend	3			4						2	
06 Aug 2024	Midweek				1					2		
07 Aug 2024	Midweek			1							4	
08 Aug 2024	Midweek										5	
09 Aug 2024	Midweek						1					
10 Aug 2024	Weekend		1									
11 Aug 2024	Weekend											
12 Aug 2024	Midweek											3
13 Aug 2024	Midweek											
14 Aug 2024	Midweek				1							3
15 Aug 2024	Midweek											1
16 Aug 2024	Midweek								5			
17 Aug 2024	Weekend	4			3							
18 Aug 2024	Weekend				1			3				
19 Aug 2024	Midweek											1
20 Aug 2024	Midweek										4	
21 Aug 2024	Midweek											1
22 Aug 2024	Midweek											
23 Aug 2024	Midweek										3	
24 Aug 2024	Weekend											
25 Aug 2024	Weekend											
26 Aug 2024	Midweek											
27 Aug 2024	Midweek											
28 Aug 2024	Midweek											2
29 Aug 2024	Midweek										4	
30 Aug 2024	Midweek	1									1	
31 Aug 2024	Weekend							3				
01 Sep 2024	Weekend											
02 Sep 2024	Weekend											
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	calm/rippled	6	2	1		4			
30-Jul-2024	Tuesday	calm/rippled	2				2			
31-Jul-2024	Wednesday	calm/rippled	20	29	14		24	0	0948	0
01-Aug-2024	Thursday	calm/rippled	7	6	3		4	31	0905	45
02-Aug-2024	Friday	choppy	4				3			
03-Aug-2024	Saturday	choppy	5	2			1			
04-Aug-2024	Sunday		0					16	0933	21
05-Aug-2024	Monday (B.C. Day)	calm/rippled	9	18	3		4			
06-Aug-2024	Tuesday	calm/rippled	3	1			2			
07-Aug-2024	Wednesday	choppy	5	5	4		5			
08-Aug-2024	Thursday	choppy	6				1	22	0856	32
09-Aug-2024	Friday	calm/rippled	1							
10-Aug-2024	Saturday	choppy	1		1			11	0918	15
11-Aug-2024	Sunday		0							
12-Aug-2024	Monday	choppy	3	5			3			
13-Aug-2024	Tuesday		0					4	0907	6
14-Aug-2024	Wednesday	choppy	4	6	2		7			
15-Aug-2024	Thursday	calm/rippled	4				4			
16-Aug-2024	Friday	calm/rippled	5	6	3					
17-Aug-2024	Saturday	calm/rippled	8	7	15		10	25	0919	33
18-Aug-2024	Sunday	calm/rippled	4	2	1					
19-Aug-2024	Monday	calm/rippled	1				2	24	0855	35
20-Aug-2024	Tuesday	calm/rippled	5	6			9			
21-Aug-2024	Wednesday	calm/rippled	1				1	1	0947	1
22-Aug-2024	Thursday		0					1	1237	2
23-Aug-2024	Friday	calm/rippled	3				5			
24-Aug-2024	Saturday		0					14	0929	18
25-Aug-2024	Sunday		0							
26-Aug-2024	Monday		0							
27-Aug-2024	Tuesday		0							
28-Aug-2024	Wednesday	calm/rippled	2	2	1					
29-Aug-2024	Thursday	choppy	4				7			
30-Aug-2024	Friday	calm/rippled	2	2	1		3	6	0849	8
31-Aug-2024	Saturday	calm/rippled	3	1						
01-Sep-2024	Sunday		0							
02-Sep-2024	Monday (Labour Day)		0							
03-Sep-2024	Tuesday		0							
	Totals	calm/rippled	60	39	14		56	13*		18*
	Totals	calm/rippled	30	30	20		15	17*		22*

* 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	22	10	220	1	0.667		0.5	220	147		110
Midweek	18	21	378	0.65	0.233		0.933	246	88		353

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	August	561	515	170		142
2020	August	370	159	5		101
2021	August	332	285	118	4	243
2022	August	445	321	241		428
2023	August	659	620	166		211
2024	August	855	653	386		578
5-Yr Avg	August	473	380	140	4	225

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	87	35%
iRec Anglers	2885	40%

4 of 6 Saturday 7th December, 2024



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	Midweek	32%	59%	66%	71%	69%	62%	54%	44%	38%	26%	16%	9%	2%	0%	0%	0%	0%
125A	Weekend	40%	70%	77%	72%	64%	54%	45%	42%	28%	21%	11%	8%	7%	2%	0%	0%	0%
125G	Midweek	12%	49%	75%	85%	86%	86%	78%	60%	46%	22%	6%	3%	0%	0%	0%	0%	0%
125G	Weekend	18%	65%	80%	87%	83%	84%	71%	66%	44%	29%	7%	7%	0%	0%	0%	0%	0%
125K	Midweek	22%	55%	68%	73%	79%	77%	73%	64%	48%	32%	20%	7%	0%	0%	0%	0%	0%
125K	Weekend	27%	62%	69%	72%	62%	61%	52%	58%	42%	35%	20%	12%	6%	0%	0%	0%	0%
125Q	Midweek	38%	62%	63%	66%	64%	55%	46%	39%	35%	28%	19%	11%	2%	0%	0%	0%	0%
125Q	Weekend	46%	72%	76%	67%	59%	45%	37%	35%	23%	19%	13%	8%	9%	3%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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