

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 25 June 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Saturday 7th December, 2024



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Canada

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Canada



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

Date	Day Type	Cougar Creek		Crittter Cove MD	Moutcha Bay Resort		Westview Marina			Zeballos	
		AM	MD		MD	PM	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							2			
04 Jun 2024	Midweek							4			
05 Jun 2024	Midweek							4			
06 Jun 2024	Midweek							1			
07 Jun 2024	Midweek										1
08 Jun 2024	Weekend										
09 Jun 2024	Weekend				7						
10 Jun 2024	Midweek								6		
11 Jun 2024	Midweek							3			
12 Jun 2024	Midweek				1						
13 Jun 2024	Midweek						1				
14 Jun 2024	Midweek									10	
15 Jun 2024	Weekend									9	
16 Jun 2024	Weekend										
17 Jun 2024	Midweek	4								1	
18 Jun 2024	Midweek									3	
19 Jun 2024	Midweek								7		
20 Jun 2024	Midweek		2					6			
21 Jun 2024	Midweek				5				5		
22 Jun 2024	Weekend					4		14			
23 Jun 2024	Weekend						1				
24 Jun 2024	Midweek										
25 Jun 2024	Midweek										
26 Jun 2024	Midweek	2						10			
27 Jun 2024	Midweek	4						11			
28 Jun 2024	Midweek				11		6				
29 Jun 2024	Weekend				9						
30 Jun 2024	Weekend				10						
01 Jul 2024	Weekend			6							
02 Jul 2024	Midweek		4	5				9			
03 Jul 2024	Midweek			1	5				9		

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	2							
04-Jun-2024	Tuesday	calm/rippled	4	3						
05-Jun-2024	Wednesday	calm/rippled	4	3						
06-Jun-2024	Thursday	calm/rippled	1	1						
07-Jun-2024	Friday	calm/rippled	1	5						
08-Jun-2024	Saturday		0							
09-Jun-2024	Sunday	choppy	7	14						
10-Jun-2024	Monday	choppy	6	16	1					
11-Jun-2024	Tuesday	frequent whitecaps	3	8						
12-Jun-2024	Wednesday	calm/rippled	2	8						
13-Jun-2024	Thursday	choppy	2	6						
14-Jun-2024	Friday	calm/rippled	11	53	3			12	0807	15
15-Jun-2024	Saturday	calm/rippled	11	41	3		5	14	0759	14
16-Jun-2024	Sunday		0							
17-Jun-2024	Monday	calm/rippled	5	22	1		1			
18-Jun-2024	Tuesday	calm/rippled	3	14	4			15	0752	23
19-Jun-2024	Wednesday	choppy	9	31	1		2			
20-Jun-2024	Thursday	choppy	10	29	7		2			
21-Jun-2024	Friday	calm/rippled	11	28	1					
22-Jun-2024	Saturday	choppy	18	37	12		6	29	0833	30
23-Jun-2024	Sunday	calm/rippled	2	3						
24-Jun-2024	Monday		1							
25-Jun-2024	Tuesday		0					28	0758	36
26-Jun-2024	Wednesday	calm/rippled	12	33	11					
27-Jun-2024	Thursday	calm/rippled	15	23	7		1			
28-Jun-2024	Friday	calm/rippled	17	48	22		1			
29-Jun-2024	Saturday	calm/rippled	9	34	21		2			
30-Jun-2024	Sunday	choppy	10	17	19		1	36	0854	37
01-Jul-2024	Monday (Canada Day)	calm/rippled	6	9	7					
02-Jul-2024	Tuesday	choppy	18	38	8			60	0754	88
03-Jul-2024	Wednesday	choppy	18	23	2		2			
	Totals	calm/rippled	119	331	58		7	18*		25*
	Totals	choppy	57	146	55		14	26*		27*

* 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	25	20	500	2.782	0.487		0.059	1391	244		30
Weekend	27	10	270	2.561	0.965		0.246	691	261		66

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	June	623	733	208		50
2020	June	1096	1295	266		237
2021	June	704	818	510		83
2022	June	942	1983	723		130
2023	June	562	616	289		84
2024	June	797	2059	544		92
5-Yr Avg	June	785	1089	399		117

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
Coho	153	34%	9%	328	41%	4%	14
Chinook	853	44%	17%	937	37%	16%	148

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	176	30%
iRec Anglers	3160	29%

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

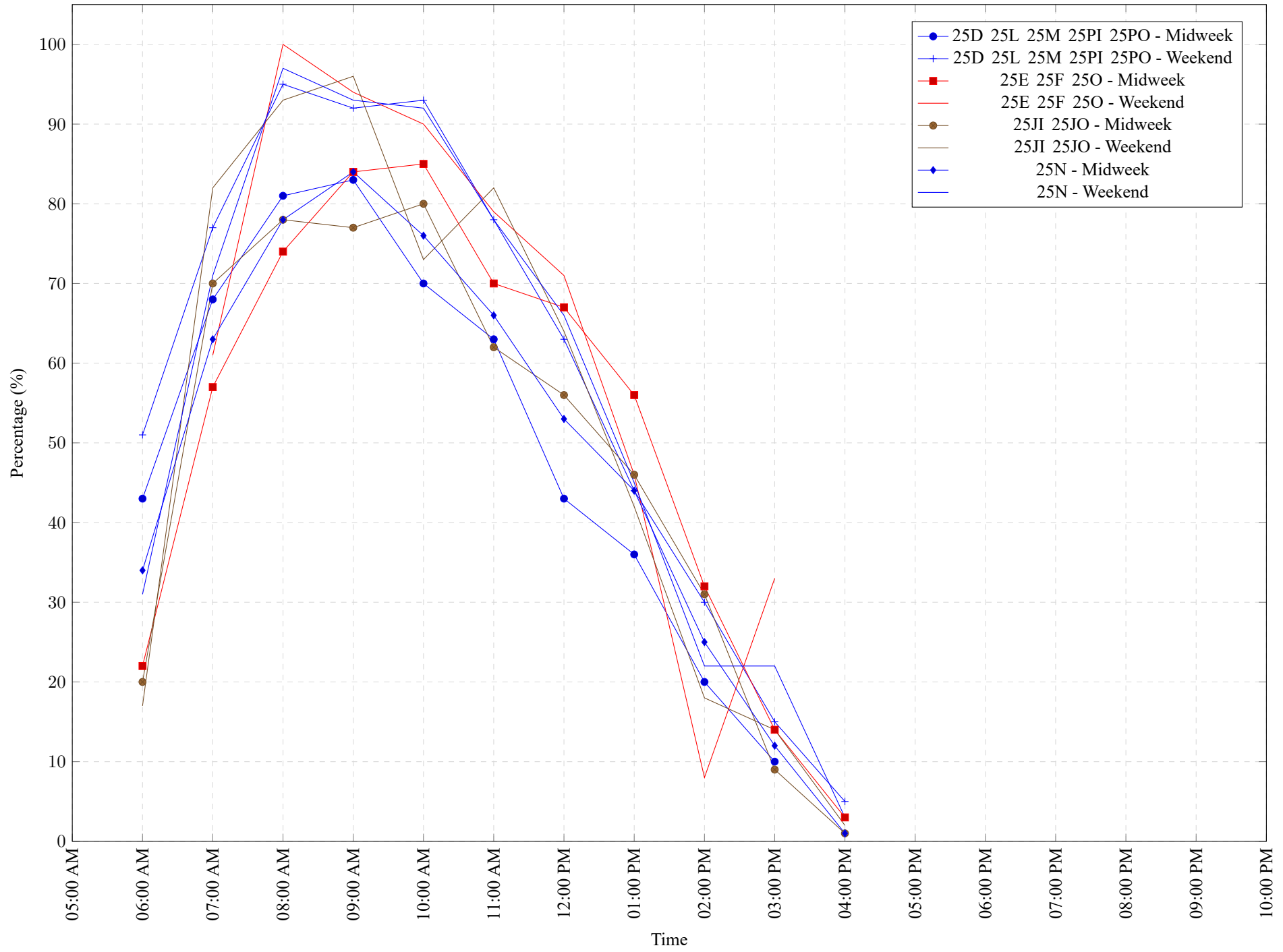


Table 7: Proportion of each day's fishing by hour.

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
25D	25L	25M	25PI	25PO	Midweek	43%	68%	81%	83%	70%	63%	43%	36%	20%	10%	0%	0%	0%	0%	0%	0%	0%
25D	25L	25M	25PI	25PO	Weekend	51%	77%	95%	92%	93%	78%	63%	44%	30%	15%	5%	0%	0%	0%	0%	0%	0%
25E	25F	25O			Midweek	22%	57%	74%	84%	85%	70%	67%	56%	32%	14%	3%	0%	0%	0%	0%	0%	0%
25E	25F	25O			Weekend	0%	61%	100%	94%	90%	79%	71%	46%	8%	33%	0%	0%	0%	0%	0%	0%	0%
25JI	25JO				Midweek	20%	70%	78%	77%	80%	62%	56%	46%	31%	9%	1%	0%	0%	0%	0%	0%	0%
25JI	25JO				Weekend	17%	82%	93%	96%	73%	82%	64%	42%	18%	14%	2%	0%	0%	0%	0%	0%	0%
25N					Midweek	34%	63%	78%	84%	76%	66%	53%	44%	25%	12%	1%	0%	0%	0%	0%	0%	0%
25N					Weekend	31%	71%	97%	93%	92%	78%	66%	45%	22%	22%	3%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Cougar Creek	Critter Cove	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				choppy	
11 Jun 2024	Midweek				frequent whitecaps	
12 Jun 2024	Midweek			calm/rippled		
13 Jun 2024	Midweek				choppy	
14 Jun 2024	Midweek					calm/rippled
15 Jun 2024	Weekend					calm/rippled
16 Jun 2024	Weekend					
17 Jun 2024	Midweek	calm/rippled				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			calm/rippled	choppy	
23 Jun 2024	Weekend				calm/rippled	
24 Jun 2024	Midweek					
25 Jun 2024	Midweek					
26 Jun 2024	Midweek	calm/rippled			calm/rippled	
27 Jun 2024	Midweek	calm/rippled			calm/rippled	
28 Jun 2024	Midweek			calm/rippled	choppy	
29 Jun 2024	Weekend			calm/rippled		
30 Jun 2024	Weekend			choppy		
01 Jul 2024	Weekend		calm/rippled			
02 Jul 2024	Midweek	choppy	calm/rippled		frequent whitecaps	
03 Jul 2024	Midweek		choppy	choppy	choppy	