

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 25 July 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			Moutcha Bay Resort			Westview Marina		
		MD	PM	AM	MD	PM	AM	MD	PM	AM	MD	PM
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
04 Jul 2024	Midweek				3				4	2		
05 Jul 2024	Midweek		4								6	
06 Jul 2024	Weekend	7								1		
07 Jul 2024	Weekend											
08 Jul 2024	Midweek			3								
09 Jul 2024	Midweek				7			10			19	
10 Jul 2024	Midweek					4			8			11
11 Jul 2024	Midweek				2			1			18	
12 Jul 2024	Midweek	15		2			3				3	
13 Jul 2024	Weekend	8						10				7
14 Jul 2024	Weekend					2						7
15 Jul 2024	Midweek				5							
16 Jul 2024	Midweek			6			8					6
17 Jul 2024	Midweek			6			2				16	
18 Jul 2024	Midweek			1				13		4		
19 Jul 2024	Midweek					11					2	
20 Jul 2024	Weekend					11		9				5
21 Jul 2024	Weekend				3							
22 Jul 2024	Midweek	9		14							2	
23 Jul 2024	Midweek								8			
24 Jul 2024	Midweek	12										3
25 Jul 2024	Midweek				6			14			3	
26 Jul 2024	Midweek					4						
27 Jul 2024	Weekend					6						3
28 Jul 2024	Weekend				10							
29 Jul 2024	Midweek							12				5
30 Jul 2024	Midweek	12		11							8	
31 Jul 2024	Midweek					10			13			5
01 Aug 2024	Midweek				10			12			7	
02 Aug 2024	Midweek					5			18		3	
03 Aug 2024	Weekend					12		14			2	

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
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	44
01-Jul-2024	Monday (Canada Day)	calm/rippled	6	9	7					
02-Jul-2024	Tuesday	choppy	18	38	8			60	0754	87
03-Jul-2024	Wednesday	choppy	18	23	2		2			
04-Jul-2024	Thursday	choppy	10	10	2					
05-Jul-2024	Friday	calm/rippled	14	23	3		2			
06-Jul-2024	Saturday	calm/rippled	8	11				48	0754	62
07-Jul-2024	Sunday		0							
08-Jul-2024	Monday	calm/rippled	4	4			1			
09-Jul-2024	Tuesday	choppy	42	43				61	0747	87
10-Jul-2024	Wednesday	choppy	25	42	3					
11-Jul-2024	Thursday	choppy	25	48	8		3			
12-Jul-2024	Friday	choppy	23	38	3					
13-Jul-2024	Saturday	calm/rippled	25	59	2		2	174	0804	218
14-Jul-2024	Sunday	calm/rippled	9	26	14					
15-Jul-2024	Monday	calm/rippled	5	17	4					
16-Jul-2024	Tuesday	calm/rippled	23	37	19			74	0818	96
17-Jul-2024	Wednesday	calm/rippled	27	59	11					
18-Jul-2024	Thursday	calm/rippled	19	19	1					
19-Jul-2024	Friday	calm/rippled	15	17	3					
20-Jul-2024	Saturday	calm/rippled	25	30	4					
21-Jul-2024	Sunday	calm/rippled	3	6	1					
22-Jul-2024	Monday	calm/rippled	25	53	4					
23-Jul-2024	Tuesday	calm/rippled	10	18	2					
24-Jul-2024	Wednesday	choppy	19	26						
25-Jul-2024	Thursday	calm/rippled	25	41	1					
26-Jul-2024	Friday	calm/rippled	4	10				123	0749	188
27-Jul-2024	Saturday	calm/rippled	9	12				142	0751	188
28-Jul-2024	Sunday	calm/rippled	10	21			2			
29-Jul-2024	Monday	calm/rippled	17	35	2					
30-Jul-2024	Tuesday	calm/rippled	37	46	5					
31-Jul-2024	Wednesday	calm/rippled	29	61	19		2			
01-Aug-2024	Thursday	calm/rippled	36	57	9			138	0831	171
02-Aug-2024	Friday	choppy	26	61	3					
03-Aug-2024	Saturday	calm/rippled	28	60	9		1			
	Totals	calm/rippled	434	708	100		10	80*		115*
	Totals	calm/rippled	95	174	28		4	121*		156*

* 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	156	9	1404	1.832	0.295		0.042	2572	414		59
Midweek	115	22	2530	1.631	0.23		0.023	4126	582		58

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	July	4253	6578	1404	20	75
2020	July	4207	3938	219	0	16
2021	July	3045	3081	740	3	98
2022	July	3686	4189	3004	0	88
2023	July	2858	3106	717		83
2024	July	3946	7018	998		76
5-Yr Avg	July	3610	4178	1217	6	72

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	255	39%	3%	531	50%	2%	8
Chinook	3672	57%	1%	3576	48%	1%	30

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	517	11%
iRec Anglers	11345	24%

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

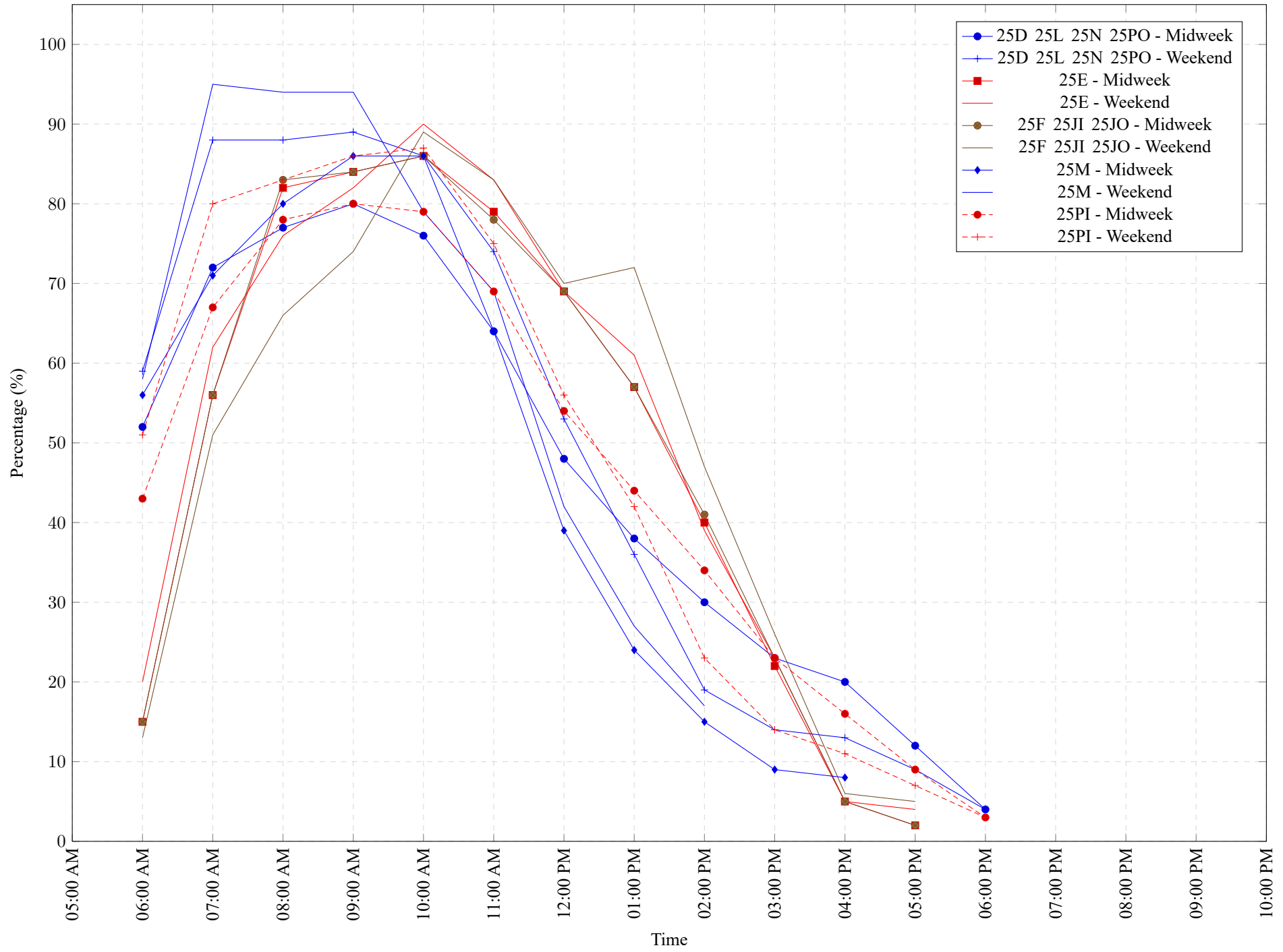


Table 7: Proportion of each day's fishing by hour.

Areas				Day Type	6:00 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 25N 25PO				Midweek	52%	72%	77%	80%	76%	64%	48%	38%	30%	23%	20%	12%	4%	0%	0%	0%	0%
25D 25L 25N 25PO				Weekend	59%	88%	88%	89%	86%	74%	53%	36%	19%	14%	13%	9%	4%	0%	0%	0%	0%
25E				Midweek	15%	56%	82%	84%	86%	79%	69%	57%	40%	22%	5%	2%	0%	0%	0%	0%	0%
25E				Weekend	20%	62%	76%	82%	90%	83%	69%	61%	39%	23%	5%	4%	0%	0%	0%	0%	0%
25F 25JI 25JO				Midweek	15%	56%	83%	84%	86%	78%	69%	57%	41%	23%	5%	2%	0%	0%	0%	0%	0%
25F 25JI 25JO				Weekend	13%	51%	66%	74%	89%	83%	70%	72%	47%	26%	6%	5%	0%	0%	0%	0%	0%
25M				Midweek	56%	71%	80%	86%	86%	64%	39%	24%	15%	9%	8%	0%	0%	0%	0%	0%	0%
25M				Weekend	58%	95%	94%	94%	79%	69%	42%	27%	17%	0%	0%	0%	0%	0%	0%	0%	0%
25PI				Midweek	43%	67%	78%	80%	79%	69%	54%	44%	34%	23%	16%	9%	3%	0%	0%	0%	0%
25PI				Weekend	51%	80%	83%	86%	87%	75%	56%	42%	23%	14%	11%	7%	3%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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