

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 16 May 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Saturday 20th July, 2024



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Canada

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

		Cooper's Green		Egmont	French Ck	Madeira		Pender Harbour Resort		Porpoise Bay	Saltery Bay		Westview
Date	Day Type	AM	PM	PM	PM	AM	PM	AM	PM	PM	AM	PM	AM
28 Apr 2024	Weekend												
29 Apr 2024	Midweek												
30 Apr 2024	Midweek										1		
01 May 2024	Midweek					2					1		
02 May 2024	Midweek												
03 May 2024	Midweek												
04 May 2024	Weekend								4		1		
05 May 2024	Weekend						1						1
06 May 2024	Midweek												
07 May 2024	Midweek												
08 May 2024	Midweek									2			
09 May 2024	Midweek			1									
10 May 2024	Midweek												
11 May 2024	Weekend											2	
12 May 2024	Weekend							2					
13 May 2024	Midweek												
14 May 2024	Midweek	1											
15 May 2024	Midweek												
16 May 2024	Midweek												
17 May 2024	Midweek												
18 May 2024	Weekend												
19 May 2024	Weekend		2									2	
20 May 2024	Weekend				2								
21 May 2024	Midweek											1	
22 May 2024	Midweek												
23 May 2024	Midweek												
24 May 2024	Midweek												
25 May 2024	Weekend												
26 May 2024	Weekend												
27 May 2024	Midweek												
28 May 2024	Midweek												
29 May 2024	Midweek						3						
30 May 2024	Midweek		1										
31 May 2024	Midweek												
01 Jun 2024	Weekend							2					
02 Jun 2024	Weekend												
03 Jun 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
28-Apr-2024	Sunday		0							
29-Apr-2024	Monday		0							
30-Apr-2024	Tuesday	calm/rippled	1							
01-May-2024	Wednesday	choppy	5					16	1122	36
02-May-2024	Thursday		2							
03-May-2024	Friday		0							
04-May-2024	Saturday	calm/rippled	5							
05-May-2024	Sunday	calm/rippled	2					12	1120	33
06-May-2024	Monday		0					5	1122	11
07-May-2024	Tuesday		1							
08-May-2024	Wednesday	choppy	4							
09-May-2024	Thursday	calm/rippled	2	2						
10-May-2024	Friday		0							
11-May-2024	Saturday	calm/rippled	2							
12-May-2024	Sunday	calm/rippled	2	3				8	1122	23
13-May-2024	Monday		0							
14-May-2024	Tuesday	calm/rippled	3							
15-May-2024	Wednesday		0							
16-May-2024	Thursday		1							
17-May-2024	Friday		0					12	1120	25
18-May-2024	Saturday		0							
19-May-2024	Sunday	choppy	4							
20-May-2024	Monday (Victoria Day)	choppy	2					17	1124	41
21-May-2024	Tuesday	calm/rippled	3							
22-May-2024	Wednesday		1							
23-May-2024	Thursday		2							
24-May-2024	Friday		0							
25-May-2024	Saturday		0					15	1125	34
26-May-2024	Sunday		0							
27-May-2024	Monday		0							
28-May-2024	Tuesday		2							
29-May-2024	Wednesday	calm/rippled	4							
30-May-2024	Thursday	choppy	2					11	1121	23
31-May-2024	Friday		0							
01-Jun-2024	Saturday	choppy	2					16	1123	39
02-Jun-2024	Sunday		0							
03-Jun-2024	Monday		0							
	Totals	calm/rippled	32	2				11*		24*
	Totals	calm/rippled	17	3				13*		33*

* 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	24	22	528	0.063				33			
Weekend	33	9	297	0.176				52			

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	May	561				
2020	May	650				
2021	May	817	114			
2022	May	611	161	0		0
2023	May	484	4			0
2024	May	729	62			0
5-Yr Avg	May	625	93	0		0

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	47	16%
iRec Anglers	1094	11%

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

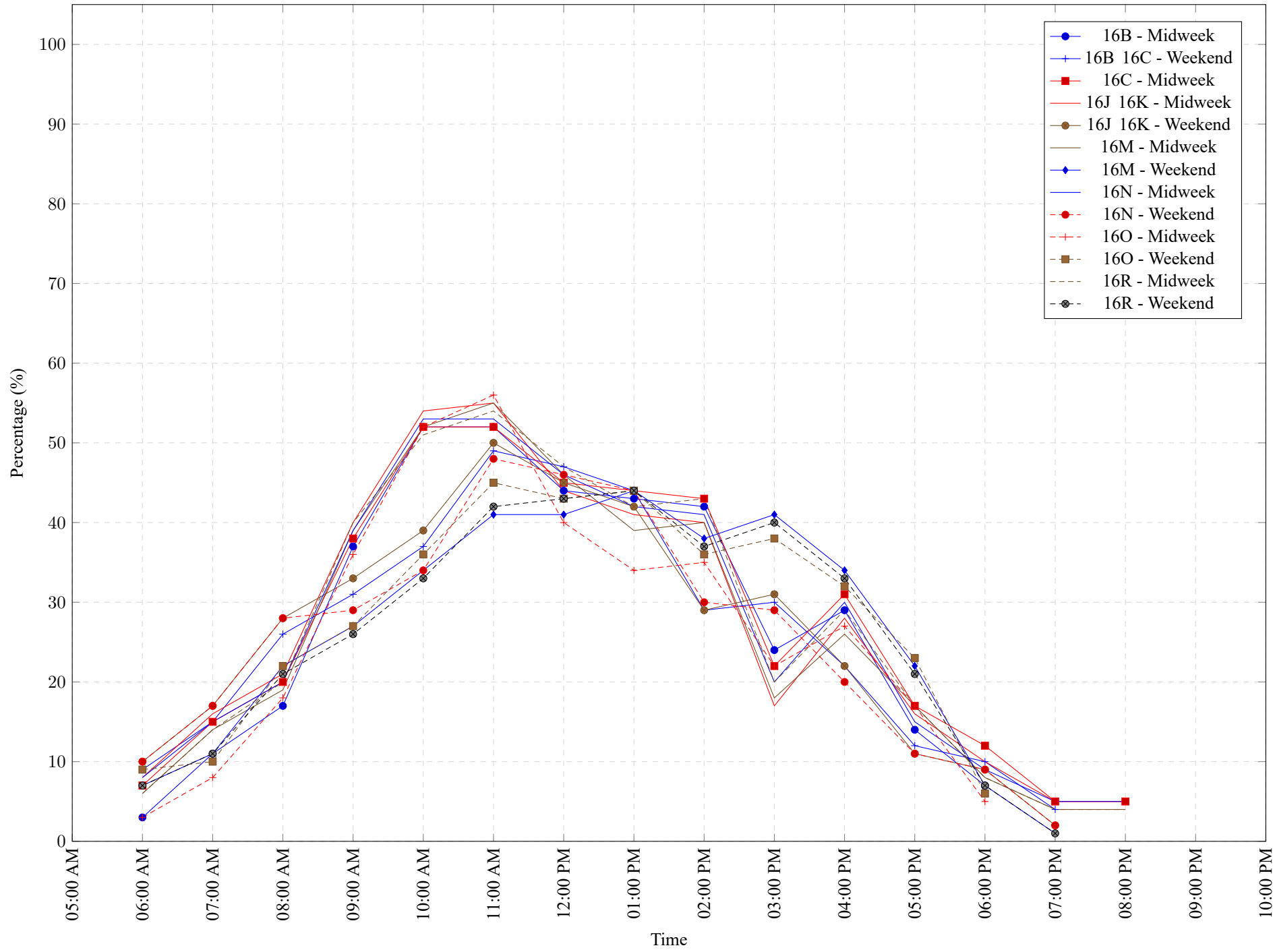


Table 7: Proportion of each day's fishing by hour.

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
16B	Midweek	3%	11%	17%	37%	52%	52%	44%	43%	42%	24%	29%	14%	7%	0%	0%	0%	0%
16B 16C	Weekend	9%	15%	26%	31%	37%	49%	47%	44%	29%	30%	22%	12%	10%	4%	0%	0%	0%
16C	Midweek	7%	15%	20%	38%	52%	52%	45%	44%	43%	22%	31%	17%	12%	5%	5%	0%	0%
16J 16K	Midweek	8%	16%	21%	40%	54%	55%	44%	41%	40%	17%	28%	16%	10%	5%	5%	0%	0%
16J 16K	Weekend	10%	17%	28%	33%	39%	50%	45%	42%	29%	31%	22%	11%	9%	2%	0%	0%	0%
16M	Midweek	6%	14%	19%	39%	52%	55%	46%	39%	40%	18%	26%	17%	8%	4%	4%	0%	0%
16M	Weekend	7%	11%	22%	27%	34%	41%	41%	44%	38%	41%	34%	22%	7%	1%	0%	0%	0%
16N	Midweek	8%	15%	20%	39%	53%	53%	46%	42%	41%	20%	30%	15%	9%	5%	5%	0%	0%
16N	Weekend	10%	17%	28%	29%	34%	48%	46%	44%	30%	29%	20%	11%	9%	2%	0%	0%	0%
16O	Midweek	3%	8%	18%	36%	52%	56%	40%	34%	35%	22%	27%	17%	5%	0%	0%	0%	0%
16O	Weekend	9%	10%	22%	27%	36%	45%	43%	44%	36%	38%	32%	23%	6%	0%	0%	0%	0%
16R	Midweek	6%	14%	20%	40%	51%	54%	47%	42%	43%	20%	29%	17%	8%	4%	4%	0%	0%
16R	Weekend	7%	11%	21%	26%	33%	42%	43%	44%	37%	40%	33%	21%	7%	1%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Cooper's Green	Egmont	French Ck	Madeira	Pender Harbour Resort	Porpoise Bay	Saltery Bay	Westview
28 Apr 2024	Weekend								
29 Apr 2024	Midweek								
30 Apr 2024	Midweek							calm/rippled	
01 May 2024	Midweek				choppy			choppy	
02 May 2024	Midweek								
03 May 2024	Midweek								
04 May 2024	Weekend					calm/rippled		calm/rippled	
05 May 2024	Weekend				calm/rippled				choppy
06 May 2024	Midweek								
07 May 2024	Midweek								
08 May 2024	Midweek						choppy		
09 May 2024	Midweek		calm/rippled						
10 May 2024	Midweek								
11 May 2024	Weekend							calm/rippled	
12 May 2024	Weekend					calm/rippled			
13 May 2024	Midweek								
14 May 2024	Midweek	calm/rippled							
15 May 2024	Midweek								
16 May 2024	Midweek								
17 May 2024	Midweek								
18 May 2024	Weekend								
19 May 2024	Weekend	choppy						choppy	
20 May 2024	Weekend			choppy					
21 May 2024	Midweek							calm/rippled	
22 May 2024	Midweek								
23 May 2024	Midweek								
24 May 2024	Midweek								
25 May 2024	Weekend								
26 May 2024	Weekend								
27 May 2024	Midweek								
28 May 2024	Midweek								
29 May 2024	Midweek				calm/rippled				
30 May 2024	Midweek	choppy							
31 May 2024	Midweek								
01 Jun 2024	Weekend					choppy			
02 Jun 2024	Weekend								
03 Jun 2024	Midweek								