FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 18 April 2024



Prepared By: South Coast Salmon Stock Assessment Section

Wednesday 12th June, 2024

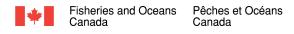




Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

		Mill	Bay	Sidney (Tu	lista Park F	Ramp)
Date	Day Type	AM	MD	AM	MD	PM
29 Mar 2024	Weekend		1			
30 Mar 2024	Weekend		1			
31 Mar 2024	Weekend				9	
01 Apr 2024	Midweek					
02 Apr 2024	Midweek					
03 Apr 2024	Midweek					
04 Apr 2024	Midweek					
05 Apr 2024	Midweek					
06 Apr 2024	Weekend	3				
07 Apr 2024	Weekend					
08 Apr 2024	Midweek					
09 Apr 2024	Midweek					
10 Apr 2024	Midweek					
11 Apr 2024	Midweek					
12 Apr 2024	Midweek	2				
13 Apr 2024	Weekend					
14 Apr 2024	Weekend					
15 Apr 2024	Midweek					
16 Apr 2024	Midweek					
17 Apr 2024	Midweek	4				
18 Apr 2024	Midweek					4
19 Apr 2024	Midweek					
20 Apr 2024	Weekend					5
21 Apr 2024	Weekend					
22 Apr 2024	Midweek					
23 Apr 2024	Midweek					
24 Apr 2024	Midweek					
25 Apr 2024	Midweek					
26 Apr 2024	Midweek					
27 Apr 2024	Weekend					
28 Apr 2024	Weekend			1		
29 Apr 2024	Midweek					
30 Apr 2024	Midweek					
01 May 2024	Midweek	2				
02 May 2024	Midweek					
03 May 2024	Midweek			5		

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-Mar-2024	Friday (Good Friday)	calm/rippled	3							
30-Mar-2024	Saturday	calm/rippled	1							
31-Mar-2024	Sunday	calm/rippled	9	4						
01-Apr-2024	Monday		0					12	1214	62
02-Apr-2024	Tuesday		1							
03-Apr-2024	Wednesday		0							
04-Apr-2024	Thursday		1							
05-Apr-2024	Friday		0							
06-Apr-2024	Saturday	choppy	3							
07-Apr-2024	Sunday		0					6	1205	12
08-Apr-2024	Monday		0							
09-Apr-2024	Tuesday		2					2	1152	10
10-Apr-2024	Wednesday		1							
11-Apr-2024	Thursday		1							
12-Apr-2024	Friday	choppy	2							
13-Apr-2024	Saturday	113	0					5	1141	12
14-Apr-2024	Sunday		0							
15-Apr-2024	Monday		0							
16-Apr-2024	Tuesday		1							
17-Apr-2024	Wednesday	calm/rippled	6					6	1149	25
18-Apr-2024	Thursday	choppy	5							
19-Apr-2024	Friday	117	0							
20-Apr-2024	Saturday	choppy	5							
21-Apr-2024	Sunday	113	0					7	1157	16
22-Apr-2024	Monday		0							
23-Apr-2024	Tuesday		0					1	1148	4
24-Apr-2024	Wednesday		3							
25-Apr-2024	Thursday		1							
26-Apr-2024	Friday		0							
27-Apr-2024	Saturday		0					6	1156	13
28-Apr-2024	Sunday	choppy	1							
29-Apr-2024	Monday	110	0							
30-Apr-2024	Tuesday		0							
01-May-2024	Wednesday	calm/rippled	7							
02-May-2024	Thursday	* *	5					14	1104	47
03-May-2024	Friday	calm/rippled	5							
j	Totals	choppy	24					5*		25*
	Totals	choppy	9					6*		13*

^{*} Average number of boats Observed and Expanded

Table 3: Simple area based cpue (catch per boat trip) expansion.

				CPUE			Retained				
Day Type	Average	Number of	Total	Chinook	Coho	Sockeye	Halibut	Chinook	Coho	Sockeye	Halibut
	Expanded	Days	Estimated								
	Boats		Effort								
Midweek	25	22	550								
Weekend	13	8	104								

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2021	April	165	0			14
2022	April	181	0			0
2023	April	568	0			13
2024	April	1012	0			0
5-Yr Avg	April	305	0			9

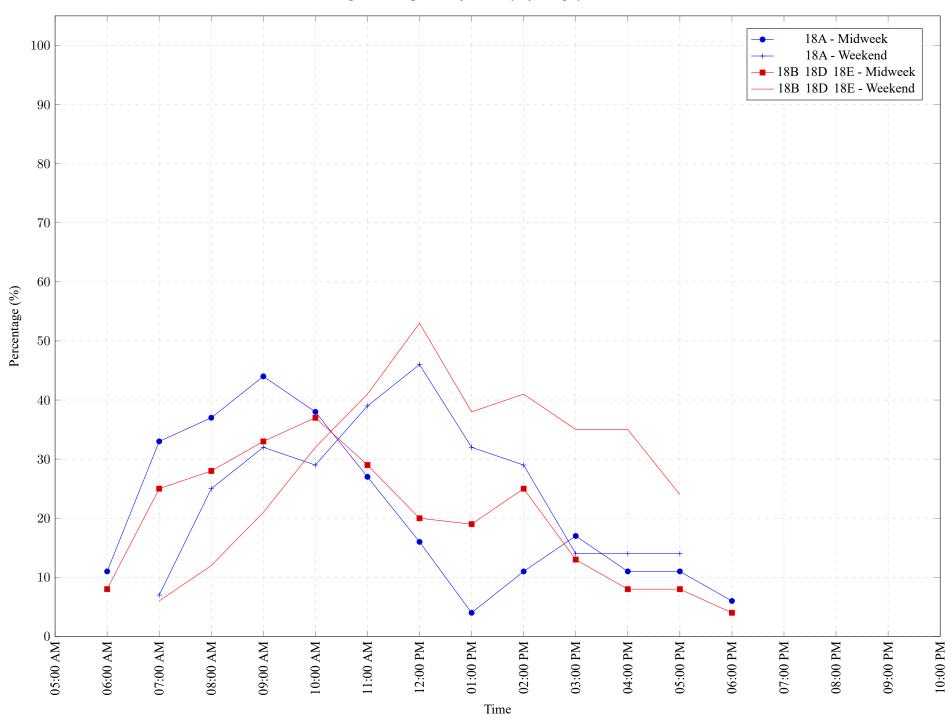
Table 5: Sport Head Recovery Review.

Species	Creel	Creel	Creel	iRec	iRec	iRec	Sport Head
	Marked	Mark	Submission	Marked	Mark	Submission	Recoveries
	Catch	Rate	Rate	Catch	Rate	Rate	

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	19	0%
iRec Anglers	267	23%

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



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

Areas	Day Type	6:00	7:00	8:00	9:00	10:00	11:00	12:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00
		AM	AM	AM	AM	AM	AM	PM										
18A	Midweek	11%	33%	37%	44%	38%	27%	16%	4%	11%	17%	11%	11%	6%	0%	0%	0%	0%
18A	Weekend	0%	7%	25%	32%	29%	39%	46%	32%	29%	14%	14%	14%	0%	0%	0%	0%	0%
18B 18D 18E	Midweek	8%	25%	28%	33%	37%	29%	20%	19%	25%	13%	8%	8%	4%	0%	0%	0%	0%
18B 18D 18E	Weekend	0%	6%	12%	21%	32%	41%	53%	38%	41%	35%	35%	24%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Mill Bay	Sidney (Tulista Park Ramp)
29 Mar 2024	Weekend	calm/rippled	
30 Mar 2024	Weekend	calm/rippled	
31 Mar 2024	Weekend	caminippied	calm/rippled
01 Apr 2024	Midweek		caminippied
02 Apr 2024	Midweek		
03 Apr 2024	Midweek		
04 Apr 2024	Midweek		
05 Apr 2024	Midweek		
06 Apr 2024	Weekend	choppy	
07 Apr 2024	Weekend	Спорру	
08 Apr 2024	Midweek		
09 Apr 2024	Midweek		
10 Apr 2024	Midweek		
11 Apr 2024	Midweek		
12 Apr 2024	Midweek	choppy	
13 Apr 2024	Weekend	Спорру	
14 Apr 2024	Weekend		
15 Apr 2024	Midweek		
16 Apr 2024	Midweek		
17 Apr 2024	Midweek	calm/rippled	
18 Apr 2024	Midweek	11	choppy
19 Apr 2024	Midweek		117
20 Apr 2024	Weekend		choppy
21 Apr 2024	Weekend		117
22 Apr 2024	Midweek		
23 Apr 2024	Midweek		
24 Apr 2024	Midweek		
25 Apr 2024	Midweek		
26 Apr 2024	Midweek		
27 Apr 2024	Weekend		
28 Apr 2024	Weekend		choppy
29 Apr 2024	Midweek		
30 Apr 2024	Midweek		
01 May 2024	Midweek	calm/rippled	
02 May 2024	Midweek		
03 May 2024	Midweek		calm/rippled