

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 18 March 2023



Prepared By:

South Coast Salmon Stock Assessment Section

Monday 3rd April, 2023



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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	Mill Bay		Sidney
		AM	MD	MD
26 Feb 2023	Weekend			
27 Feb 2023	Midweek			
28 Feb 2023	Midweek			
01 Mar 2023	Midweek			
02 Mar 2023	Midweek			
03 Mar 2023	Midweek			
04 Mar 2023	Weekend			
05 Mar 2023	Weekend			4
06 Mar 2023	Midweek			
07 Mar 2023	Midweek		1	
08 Mar 2023	Midweek			
09 Mar 2023	Midweek			
10 Mar 2023	Midweek			1
11 Mar 2023	Weekend		2	
12 Mar 2023	Weekend			
13 Mar 2023	Midweek			
14 Mar 2023	Midweek			
15 Mar 2023	Midweek			
16 Mar 2023	Midweek			2
17 Mar 2023	Midweek			
18 Mar 2023	Weekend	14		
19 Mar 2023	Weekend			2
20 Mar 2023	Midweek		4	
21 Mar 2023	Midweek			
22 Mar 2023	Midweek			
23 Mar 2023	Midweek			
24 Mar 2023	Midweek			
25 Mar 2023	Weekend		6	
26 Mar 2023	Weekend			
27 Mar 2023	Midweek			2
28 Mar 2023	Midweek			
29 Mar 2023	Midweek			
30 Mar 2023	Midweek			
31 Mar 2023	Midweek			1
01 Apr 2023	Weekend			
02 Apr 2023	Weekend			
03 Apr 2023	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
26-Feb-2023	Sunday		0							
27-Feb-2023	Monday		0							
28-Feb-2023	Tuesday		0							
01-Mar-2023	Wednesday		0							
02-Mar-2023	Thursday		0							
03-Mar-2023	Friday		0							
04-Mar-2023	Saturday		0							
05-Mar-2023	Sunday	calm/rippled	4	4						
06-Mar-2023	Monday		0							
07-Mar-2023	Tuesday	calm/rippled	1							
08-Mar-2023	Wednesday		0							
09-Mar-2023	Thursday		0							
10-Mar-2023	Friday	choppy	1							
11-Mar-2023	Saturday	calm/rippled	2							
12-Mar-2023	Sunday		0							
13-Mar-2023	Monday		0							
14-Mar-2023	Tuesday		0							
15-Mar-2023	Wednesday		0							
16-Mar-2023	Thursday	choppy	2	3						
17-Mar-2023	Friday		0							
18-Mar-2023	Saturday	calm/rippled	14	11						
19-Mar-2023	Sunday	calm/rippled	2							
20-Mar-2023	Monday	calm/rippled	4	1						
21-Mar-2023	Tuesday		0							
22-Mar-2023	Wednesday		0							
23-Mar-2023	Thursday		0							
24-Mar-2023	Friday		0							
25-Mar-2023	Saturday	calm/rippled	6	1						
26-Mar-2023	Sunday		0							
27-Mar-2023	Monday	choppy	2	1						
28-Mar-2023	Tuesday		0							
29-Mar-2023	Wednesday		0							
30-Mar-2023	Thursday		0							
31-Mar-2023	Friday	frequent whitecaps	1							
01-Apr-2023	Saturday		0							
02-Apr-2023	Sunday		0							
03-Apr-2023	Monday		0							
	Totals	choppy	11	5				*		*
	Totals	calm/rippled	28	16				*		*

* 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		8		0.571							
Midweek		23		0.455							

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	March	828	300			
5-Yr Avg	March	828	300			

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

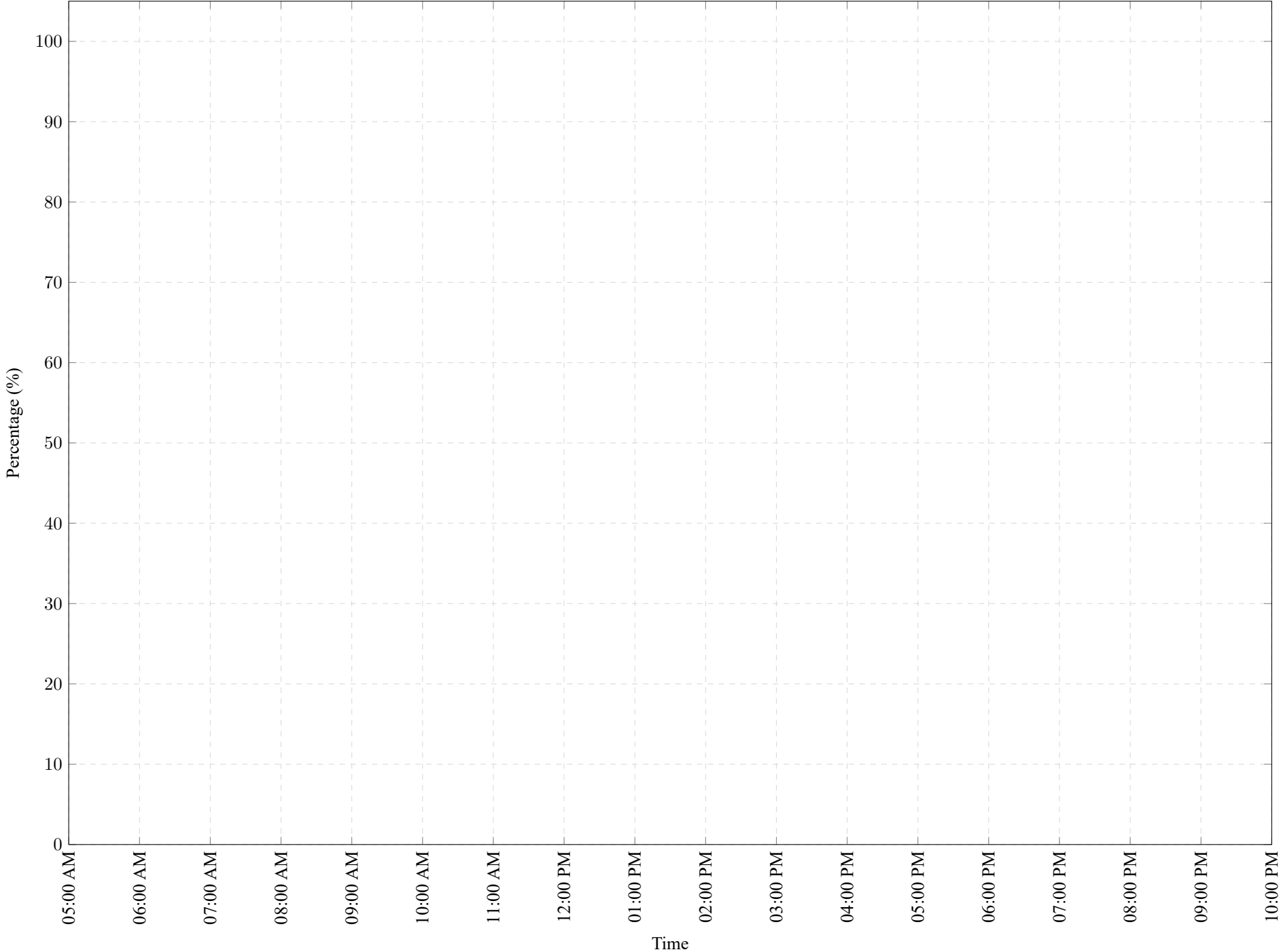


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	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	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM

Table 8: Daily Fishing Conditions.

Date	Day Type	Mill Bay	Sidney
26 Feb 2023	Weekend		
27 Feb 2023	Midweek		
28 Feb 2023	Midweek		
01 Mar 2023	Midweek		
02 Mar 2023	Midweek		
03 Mar 2023	Midweek		
04 Mar 2023	Weekend		
05 Mar 2023	Weekend		calm/rippled
06 Mar 2023	Midweek		
07 Mar 2023	Midweek	calm/rippled	
08 Mar 2023	Midweek		
09 Mar 2023	Midweek		
10 Mar 2023	Midweek		choppy
11 Mar 2023	Weekend	calm/rippled	
12 Mar 2023	Weekend		
13 Mar 2023	Midweek		
14 Mar 2023	Midweek		
15 Mar 2023	Midweek		
16 Mar 2023	Midweek		choppy
17 Mar 2023	Midweek		
18 Mar 2023	Weekend	calm/rippled	
19 Mar 2023	Weekend		calm/rippled
20 Mar 2023	Midweek	calm/rippled	
21 Mar 2023	Midweek		
22 Mar 2023	Midweek		
23 Mar 2023	Midweek		
24 Mar 2023	Midweek		
25 Mar 2023	Weekend	calm/rippled	
26 Mar 2023	Weekend		
27 Mar 2023	Midweek		choppy
28 Mar 2023	Midweek		
29 Mar 2023	Midweek		
30 Mar 2023	Midweek		
31 Mar 2023	Midweek		frequent whitecaps
01 Apr 2023	Weekend		
02 Apr 2023	Weekend		
03 Apr 2023	Midweek		