

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 18 March 2021



Prepared By:

South Coast Salmon Stock Assessment Section

Wednesday 28th April, 2021



Fisheries and Oceans
Canada

Pêches et Océans
Canada



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

Date	Day Type	Cattle Point	Mill Bay	Sidney	
		MD	MD	MD	PM
26 Feb 2021	Midweek				
27 Feb 2021	Weekend				
28 Feb 2021	Weekend				
01 Mar 2021	Midweek				
02 Mar 2021	Midweek				
03 Mar 2021	Midweek				
04 Mar 2021	Midweek				
05 Mar 2021	Midweek				
06 Mar 2021	Weekend			5	
07 Mar 2021	Weekend				
08 Mar 2021	Midweek				
09 Mar 2021	Midweek				
10 Mar 2021	Midweek		3		
11 Mar 2021	Midweek				
12 Mar 2021	Midweek			5	
13 Mar 2021	Weekend	1			
14 Mar 2021	Weekend				
15 Mar 2021	Midweek				
16 Mar 2021	Midweek				
17 Mar 2021	Midweek	1			
18 Mar 2021	Midweek				
19 Mar 2021	Midweek				
20 Mar 2021	Weekend		3		
21 Mar 2021	Weekend				
22 Mar 2021	Midweek				
23 Mar 2021	Midweek				
24 Mar 2021	Midweek				
25 Mar 2021	Midweek		2		
26 Mar 2021	Midweek				
27 Mar 2021	Weekend				
28 Mar 2021	Weekend		2		
29 Mar 2021	Midweek				
30 Mar 2021	Midweek				
31 Mar 2021	Midweek				
01 Apr 2021	Midweek				
02 Apr 2021	Weekend				
03 Apr 2021	Weekend				1

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-2021	Friday		1							
27-Feb-2021	Saturday		1							
28-Feb-2021	Sunday		0							
01-Mar-2021	Monday		0							
02-Mar-2021	Tuesday		0							
03-Mar-2021	Wednesday		0							
04-Mar-2021	Thursday		0							
05-Mar-2021	Friday		0							
06-Mar-2021	Saturday	frequent whitecaps	6							
07-Mar-2021	Sunday		0							
08-Mar-2021	Monday		0							
09-Mar-2021	Tuesday		0							
10-Mar-2021	Wednesday	choppy	4							
11-Mar-2021	Thursday		0							
12-Mar-2021	Friday	calm/rippled	6	2						
13-Mar-2021	Saturday	calm/rippled	2							
14-Mar-2021	Sunday		0							
15-Mar-2021	Monday		0							
16-Mar-2021	Tuesday		0							
17-Mar-2021	Wednesday	calm/rippled	1							
18-Mar-2021	Thursday		0							
19-Mar-2021	Friday		0							
20-Mar-2021	Saturday	choppy	3	2						
21-Mar-2021	Sunday		0							
22-Mar-2021	Monday		0							
23-Mar-2021	Tuesday		0							
24-Mar-2021	Wednesday		1	1						
25-Mar-2021	Thursday	calm/rippled	2							
26-Mar-2021	Friday		1							
27-Mar-2021	Saturday		0							
28-Mar-2021	Sunday	frequent whitecaps	2							
29-Mar-2021	Monday		0							
30-Mar-2021	Tuesday		1							
31-Mar-2021	Wednesday		0							
01-Apr-2021	Thursday		0							
02-Apr-2021	Friday (Good Friday)		0					5	1140	
03-Apr-2021	Saturday	choppy	1							
	Totals	calm/rippled	16	3				*		*
	Totals	choppy	13	2				*		*

* 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		23		0.1880							
Weekend		8		0.1540							

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
iRec Anglers	766	1%

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

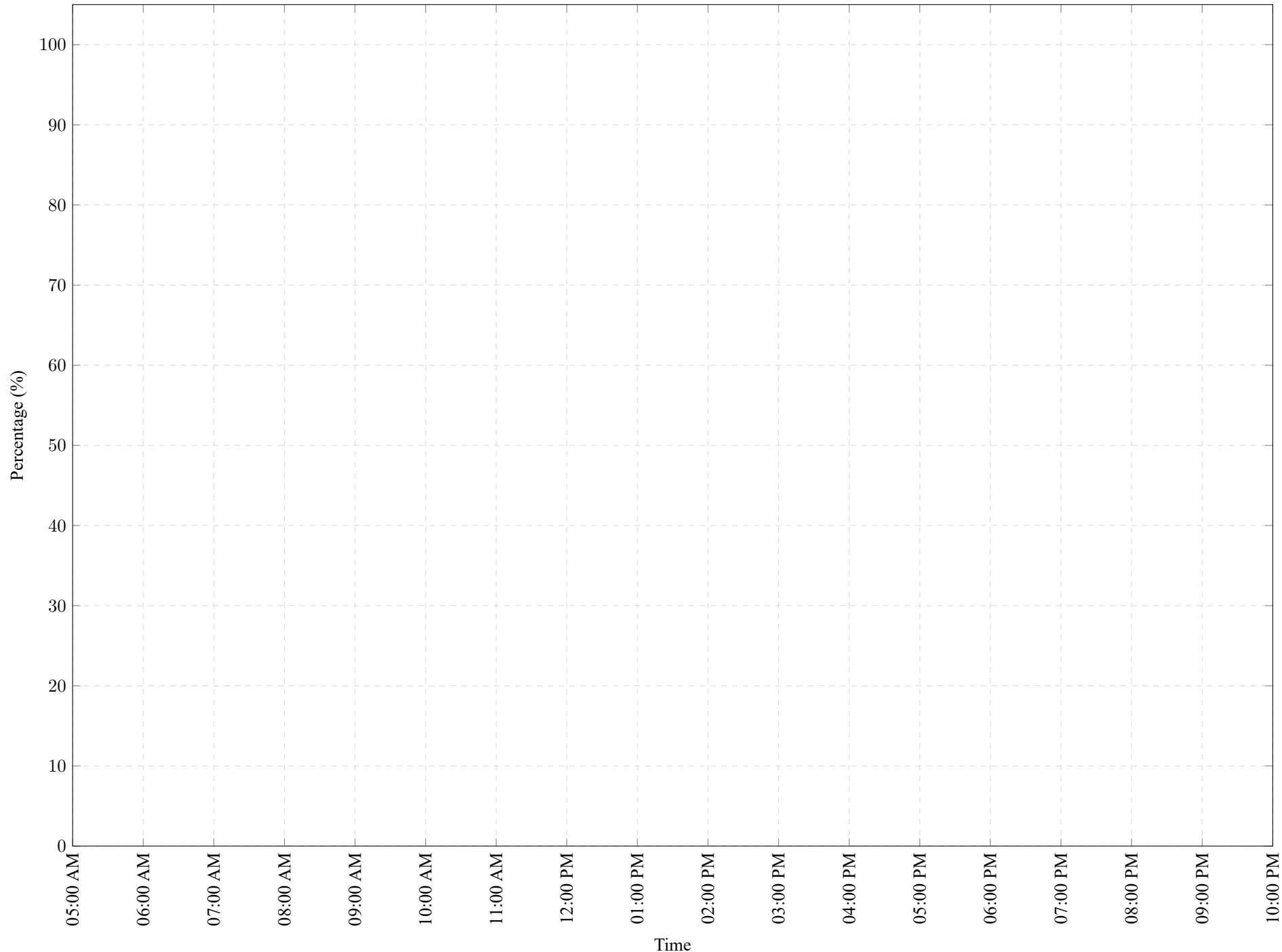


Table 7: Proportion of each day's fishing by hour.

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	Cattle Point	Mill Bay	Sidney
26 Feb 2021	Midweek			
27 Feb 2021	Weekend			
28 Feb 2021	Weekend			
01 Mar 2021	Midweek			
02 Mar 2021	Midweek			
03 Mar 2021	Midweek			
04 Mar 2021	Midweek			
05 Mar 2021	Midweek			
06 Mar 2021	Weekend			frequent whitecaps
07 Mar 2021	Weekend			
08 Mar 2021	Midweek			
09 Mar 2021	Midweek			
10 Mar 2021	Midweek		choppy	
11 Mar 2021	Midweek			
12 Mar 2021	Midweek			calm/rippled
13 Mar 2021	Weekend	calm/rippled		
14 Mar 2021	Weekend			
15 Mar 2021	Midweek			
16 Mar 2021	Midweek			
17 Mar 2021	Midweek	calm/rippled		
18 Mar 2021	Midweek			
19 Mar 2021	Midweek			
20 Mar 2021	Weekend		choppy	
21 Mar 2021	Weekend			
22 Mar 2021	Midweek			
23 Mar 2021	Midweek			
24 Mar 2021	Midweek			
25 Mar 2021	Midweek		calm/rippled	
26 Mar 2021	Midweek			
27 Mar 2021	Weekend			
28 Mar 2021	Weekend		frequent whitecaps	
29 Mar 2021	Midweek			
30 Mar 2021	Midweek			
31 Mar 2021	Midweek			
01 Apr 2021	Midweek			
02 Apr 2021	Weekend			
03 Apr 2021	Weekend			choppy