FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 18 March 2022



Prepared By: South Coast Salmon Stock Assessment Section

Thursday 19th January, 2023

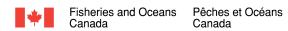




Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

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		Crofton	Mill	Bay	Sidney
		Ramp		•	
Date	Day Type	AM	AM	MD	MD
26 Feb 2022	Weekend				
27 Feb 2022	Weekend				
28 Feb 2022	Midweek				
01 Mar 2022	Midweek				
02 Mar 2022	Midweek				
03 Mar 2022	Midweek				
04 Mar 2022	Midweek			2	
05 Mar 2022	Weekend				
06 Mar 2022	Weekend			11	4
07 Mar 2022	Midweek				
08 Mar 2022	Midweek				
09 Mar 2022	Midweek				
10 Mar 2022	Midweek			1	
11 Mar 2022	Midweek				
12 Mar 2022	Weekend		11		
13 Mar 2022	Weekend			2	
14 Mar 2022	Midweek				
15 Mar 2022	Midweek				
16 Mar 2022	Midweek				
17 Mar 2022	Midweek				
18 Mar 2022	Midweek				
19 Mar 2022	Weekend				4
20 Mar 2022	Weekend				
21 Mar 2022	Midweek				
22 Mar 2022	Midweek				
23 Mar 2022	Midweek				
24 Mar 2022	Midweek				4
25 Mar 2022	Midweek			3	
26 Mar 2022	Weekend				
27 Mar 2022	Weekend				
28 Mar 2022	Midweek				
29 Mar 2022	Midweek				
30 Mar 2022	Midweek				
31 Mar 2022	Midweek				4
01 Apr 2022	Midweek				
02 Apr 2022	Weekend	1	9		
03 Apr 2022	Weekend				

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-2022	Saturday		0							
27-Feb-2022	Sunday		0							
28-Feb-2022	Monday		0							
01-Mar-2022	Tuesday		1	1						
02-Mar-2022	Wednesday		1	1						
03-Mar-2022	Thursday		0							
04-Mar-2022	Friday	choppy	2							
05-Mar-2022	Saturday		2	1						
06-Mar-2022	Sunday	calm/rippled	15	6						
07-Mar-2022	Monday		0							
08-Mar-2022	Tuesday		0							
09-Mar-2022	Wednesday		0							
10-Mar-2022	Thursday	choppy	1							
11-Mar-2022	Friday		1	1						
12-Mar-2022	Saturday	choppy	13	10						
13-Mar-2022	Sunday	calm/rippled	2							
14-Mar-2022	Monday		0							
15-Mar-2022	Tuesday		1							
16-Mar-2022	Wednesday		1	1						
17-Mar-2022	Thursday		0							
18-Mar-2022	Friday		2							
19-Mar-2022	Saturday	frequent whitecaps	4							
20-Mar-2022	Sunday	1	2							
21-Mar-2022	Monday		0							
22-Mar-2022	Tuesday		1							
23-Mar-2022	Wednesday		0							
24-Mar-2022	Thursday	calm/rippled	4							
25-Mar-2022	Friday	calm/rippled	4							
26-Mar-2022	Saturday	**	1	1						
27-Mar-2022	Sunday		0							
28-Mar-2022	Monday		1							
29-Mar-2022	Tuesday		1	1						
30-Mar-2022	Wednesday		0							
31-Mar-2022	Thursday	choppy	4	1						
01-Apr-2022	Friday		0							
02-Apr-2022	Saturday	choppy	10					14	1134	
03-Apr-2022	Sunday		0							
	Totals	choppy	25	6				*		*
	Totals	choppy	39	18				*		*

 $^{^{\}ast}$ 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								
Weekend		8		0.462							
Midweek		23		0.24							

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

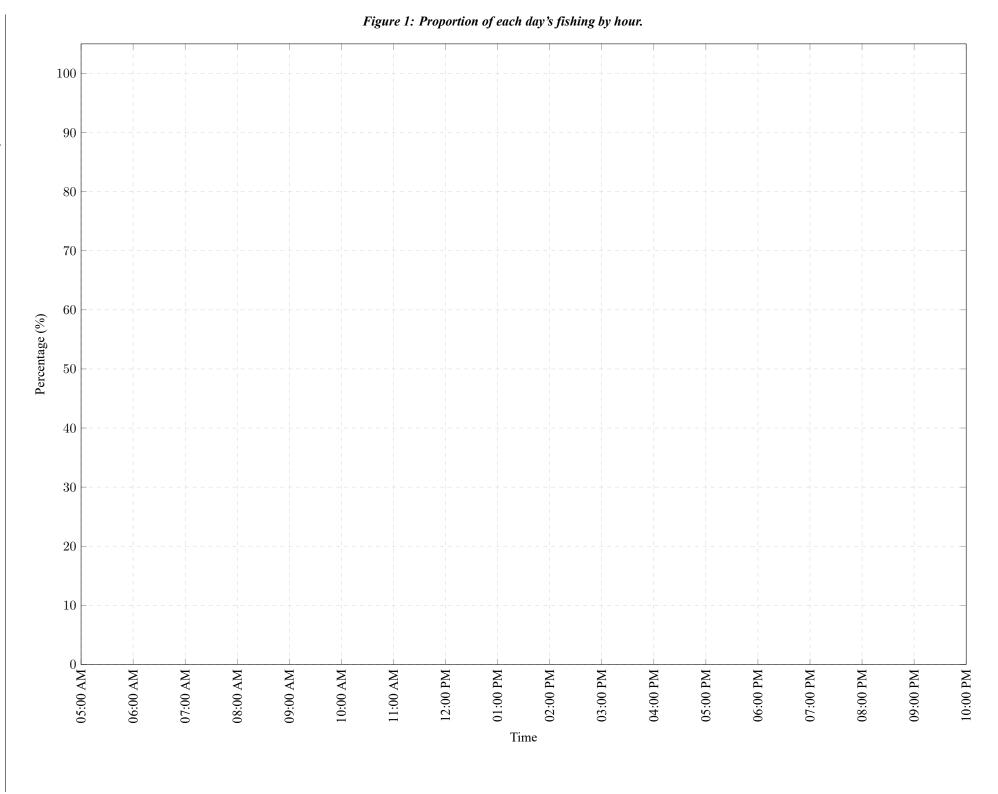
Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	March	828	300			
5-Yr Avg	March	828	300			

Table 5: Sport Head Recovery Review.

Species	Creel Marked Catch	Mark	Creel Submission Rate	iRec Marked Catch	Mark	iRec Submission Rate	Sport Head Recoveries
Chinook		%		150	60%	2%	3

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	742	3%



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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										

Table 8: Daily Fishing Conditions.

Date	Day Type	Crofton	Mill Bay	Sidney
Date	Day Type	Ramp	Willi Bay	Sidiley
26 Feb 2022	Weekend			
27 Feb 2022	Weekend			
28 Feb 2022	Midweek			
01 Mar 2022	Midweek			
02 Mar 2022	Midweek			
03 Mar 2022	Midweek			
04 Mar 2022	Midweek		choppy	
05 Mar 2022	Weekend			
06 Mar 2022	Weekend		calm/rippled	calm/rippled
07 Mar 2022	Midweek			
08 Mar 2022	Midweek			
09 Mar 2022	Midweek			
10 Mar 2022	Midweek		choppy	
11 Mar 2022	Midweek			
12 Mar 2022	Weekend		choppy	
13 Mar 2022	Weekend		calm/rippled	
14 Mar 2022	Midweek			
15 Mar 2022	Midweek			
16 Mar 2022	Midweek			
17 Mar 2022	Midweek			
18 Mar 2022	Midweek			
19 Mar 2022	Weekend			frequent whitecaps
20 Mar 2022	Weekend			
21 Mar 2022	Midweek			
22 Mar 2022	Midweek			
23 Mar 2022	Midweek			
24 Mar 2022	Midweek			calm/rippled
25 Mar 2022	Midweek		calm/rippled	
26 Mar 2022	Weekend			
27 Mar 2022	Weekend			
28 Mar 2022	Midweek			
29 Mar 2022	Midweek			
30 Mar 2022	Midweek			
31 Mar 2022	Midweek			choppy
01 Apr 2022	Midweek			
02 Apr 2022	Weekend	calm/rippled	choppy	
03 Apr 2022	Weekend			