FISHERIES AND OCEANS CANADA

South Coast Assessment Bulletin

CREEL SURVEY DATA REVIEW PACKAGE

# Area 18 May 2022



Prepared By: South Coast Salmon Stock Assessment Section

Thursday 19th January, 2023



Fisheries and Oceans Canada Pêches et Océans Canada



		Cowichan Bay		Crofton	Ramp	Mill Bay	Sidr	ley
Date	Day Type	AM	PM	AM	PM	AM	AM	PM
28 Apr 2022	Midweek		2					
29 Apr 2022	Midweek							
30 Apr 2022	Weekend							
01 May 2022	Weekend			1			4	
02 May 2022	Midweek							
03 May 2022	Midweek							
04 May 2022	Midweek							
05 May 2022	Midweek							2
06 May 2022	Midweek							
07 May 2022	Weekend							1
08 May 2022	Weekend							
09 May 2022	Midweek							
10 May 2022	Midweek							
11 May 2022	Midweek	2						2
12 May 2022	Midweek							
13 May 2022	Midweek		3					
14 May 2022	Weekend	2					1	
15 May 2022	Weekend							
16 May 2022	Midweek							2
17 May 2022	Midweek							
18 May 2022	Midweek							
19 May 2022	Midweek		1					
20 May 2022	Midweek					2		
21 May 2022	Weekend		7			1		
22 May 2022	Weekend				1			5
23 May 2022	Weekend						2	
24 May 2022	Midweek							
25 May 2022	Midweek						1	
26 May 2022	Midweek							
27 May 2022	Midweek		3					
28 May 2022	Weekend							
29 May 2022	Weekend							
30 May 2022	Midweek							
31 May 2022	Midweek							
01 Jun 2022	Midweek		6					
02 Jun 2022	Midweek							
03 Jun 2022	Midweek							

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

28-Apr-2022 Thursday choppy 2	
29-Apr-2022 Friday 0	
30-Apr-2022 Saturday 0	
01-May-2022 Sunday choppy 5	
02-May-2022 Monday 0 1 115	8 3
03-May-2022 Tuesday 0	
04-May-2022 Wednesday 0	
05-May-2022 Thursday frequent 2	
whitecaps	
06-May-2022 Friday 0	
07-May-2022 Saturday choppy 1	
08-May-2022 Sunday 0 16 111	8 45
09-May-2022 Monday 0	0 10
10-May-2022 Tuesday 0	
11-May-2022 Wednesday choppy 4	
12-May-2022 Thursday 0	
13-May-2022 Friday choppy 3	
14-May-2022 Saturday calm/rippled 3 13 113	3 37
15-May-2022 Sunday 0	5 57
16-May-2022         Sunday         6           16-May-2022         Monday         choppy         2         110	2 6
17-May-2022 Tuesday 0	2 0
18-May-2022 Wednesday 0	
19-May-2022 Thursday calm/rippled 1	5 0
20-May-2022   Friday   calm/rippled   2   3   111	59
21-May-2022 Saturday choppy 8	0 07
22-May-2022 Sunday choppy 6 31 112	9 87
23-May-2022 Monday calm/rippled 2	
(Victoria Day)	
24-May-2022 Tuesday 0	
25-May-2022 Wednesday choppy 1	
26-May-2022 Thursday 0 5 111	7 15
27-May-2022 Friday choppy 4	
28-May-2022 Saturday 0	
29-May-2022 Sunday 0	
30-May-2022 Monday 0	
31-May-2022 Tuesday 0	
01-Jun-2022 Wednesday calm/rippled 6 8 104	1 47
02-Jun-2022 Thursday 0	
03-Jun-2022 Friday 0	
Totals choppy 19 3*	8*
Totals choppy 25 20*	56*

## Table 2: Daily tally of interviews, catch and effort.

\* Average number of boats Observed and Expanded

				CPUE			Retained				
Day Type	Average	Number of	Total	Chinook	Coho	Sockeye	Halibut	Chinook	Coho	Sockeye	Halibut
	Expanded	Days	Estimated								
	Boats	-	Effort								
Weekend	56	10	560								
Midweek	8	21	168								

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

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	May	996	283			
2018	May	1722	668	22		
2019	May	811	0			1
2020	May	831				
2021	May	997	0	0		0
2022	May	810	0			0
5-Yr Avg	May	1071	238	11		1

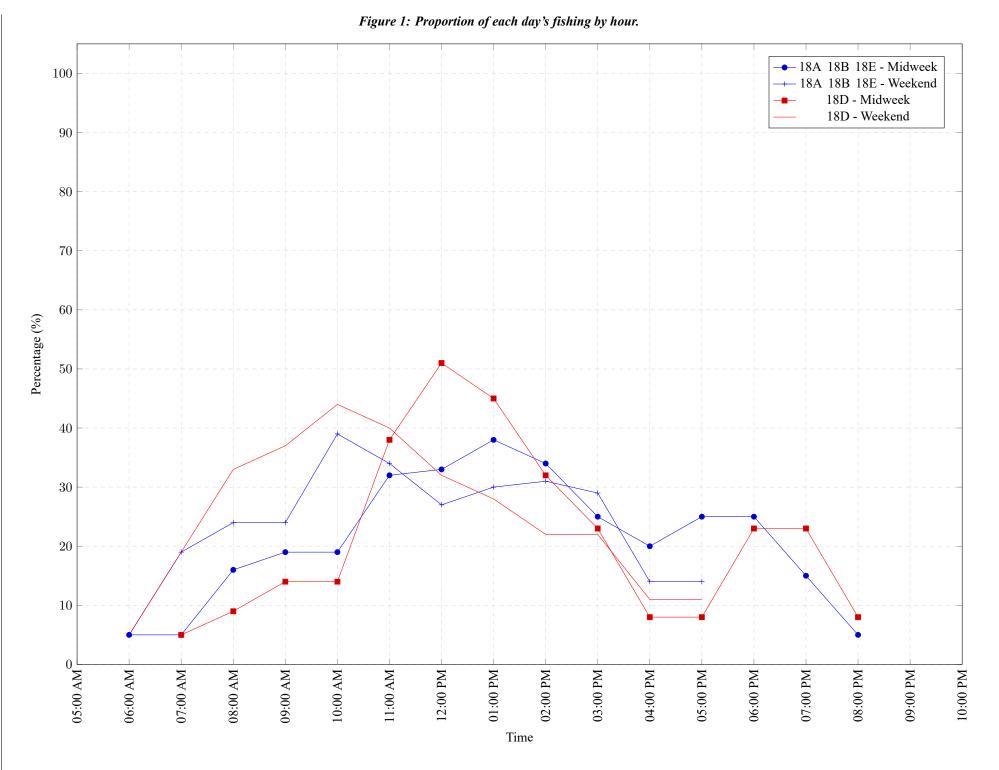
## Table 5: Sport Head Recovery Review.

Species		Mark	Creel Submission		Mark		Sport Head Recoveries
	Catch	Kate	Rate	Catch	Kate	Rate	

#### Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	44	2%
iRec Anglers	1571	17%

4



Area 18 May 2022

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

Areas	Day Type		7:00 AM			10:00 AM												10:00 PM
18A 18B 18E	Midweek	5%	5%	16%	19%	19%	32%	33%	38%	34%	25%	20%	25%	25%	15%	5%	0%	0%
18A 18B 18E	Weekend	5%	19%	24%	24%	39%	34%	27%	30%	31%	29%	14%	14%	0%	0%	0%	0%	0%
18D	Midweek	0%	5%	9%	14%	14%	38%	51%	45%	32%	23%	8%	8%	23%	23%	8%	0%	0%
18D	Weekend	5%	19%	33%	37%	44%	40%	32%	28%	22%	22%	11%	11%	0%	0%	0%	0%	0%

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

# Table 8: Daily Fishing Conditions.