FISHERIES AND OCEANS CANADA

South Coast Assessment Bulletin

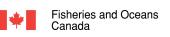
CREEL SURVEY DATA REVIEW PACKAGE

Area 18 May 2023



Prepared By: South Coast Salmon Stock Assessment Section

Thursday 8th February, 2024



Pêches et Océans Canada



		Cowicha	an Bay	Crofton	Ramp	Mill	Bay	Sidney (Park R	
Date	Day Type	AM	PM	AM	PM	AM	PM	AM	PM
28 Apr 2023	Midweek								
29 Apr 2023	Weekend								
30 Apr 2023	Weekend								
01 May 2023	Midweek		10		1				5
02 May 2023	Midweek								
03 May 2023	Midweek								
04 May 2023	Midweek								
05 May 2023	Midweek	2							
06 May 2023	Weekend		7						
07 May 2023	Weekend								
08 May 2023	Midweek						2		
09 May 2023	Midweek								1
10 May 2023	Midweek								
11 May 2023	Midweek								
12 May 2023	Midweek								
13 May 2023	Weekend					2			
14 May 2023	Weekend				1				
15 May 2023	Midweek			1					
16 May 2023	Midweek	3						2	
17 May 2023	Midweek								
18 May 2023	Midweek								
19 May 2023	Midweek								
20 May 2023	Weekend								
21 May 2023	Weekend	1							
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27 May 2023	Weekend								
28 May 2023	Weekend		9						2
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30 May 2023	Midweek								
31 May 2023	Midweek		3						
01 Jun 2023	Midweek								
02 Jun 2023	Midweek								
03 Jun 2023	Weekend		10		2				4

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

129-Apr-2023 Saturday 0 11 11.04 26 30-Apr-2023 Monday calm/rippled 16 16 16 02-May-2023 Tuesday 0 0 11.04 26 03-May-2023 Tuesday 0 0 0 0 04-May-2023 Truesday 0 0 0 0 05-May-2023 Saturday choppy 7 5 1103 14 06-May-2023 Saturday choppy 7 32 1115 71 07-May-2023 Saturday calm/rippled 2 10 32 1115 71 07-May-2023 Monday calm/rippled 2 10 33 11 33 11 16 37 1125 80 11-May-2023 Monday calm/rippled 3 1 37 1125 80 13-May-2023 Monday calm/rippled 1 6 1031 14 16-May-2023 Monday calm/rippled 1 10 11 11 <t< th=""><th>Date</th><th>Day</th><th>Average Fishing Conditions</th><th>Interviews & Log Trips</th><th>Chinook</th><th>Coho</th><th>Sockeye</th><th>Halibut</th><th>Observed Fishing</th><th>Flight Time</th><th>Expanded Fishing</th></t<>	Date	Day	Average Fishing Conditions	Interviews & Log Trips	Chinook	Coho	Sockeye	Halibut	Observed Fishing	Flight Time	Expanded Fishing
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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	72	9	648	0.107				69				
Midweek	13	22	286	0.091				26				

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
2018	May	1722	668	22		
2019	May	811	0			1
2020	May	831				
2021	May	997	0	0		0
2022	May	810	0			0
2023	May	966	105			0
5-Yr Avg	May	1034	167	11		0

Table 5: Sport Head Recovery Review.

Species		Creel I Mark Rate	Creel Submission Rate	iRec Marked Catch	Mark	iRec Submission Rate	Sport Head Recoveries
Chinook	105	100%	16%	183	100%	9%	17

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	94	6%
iRec Anglers	1800	15%

4

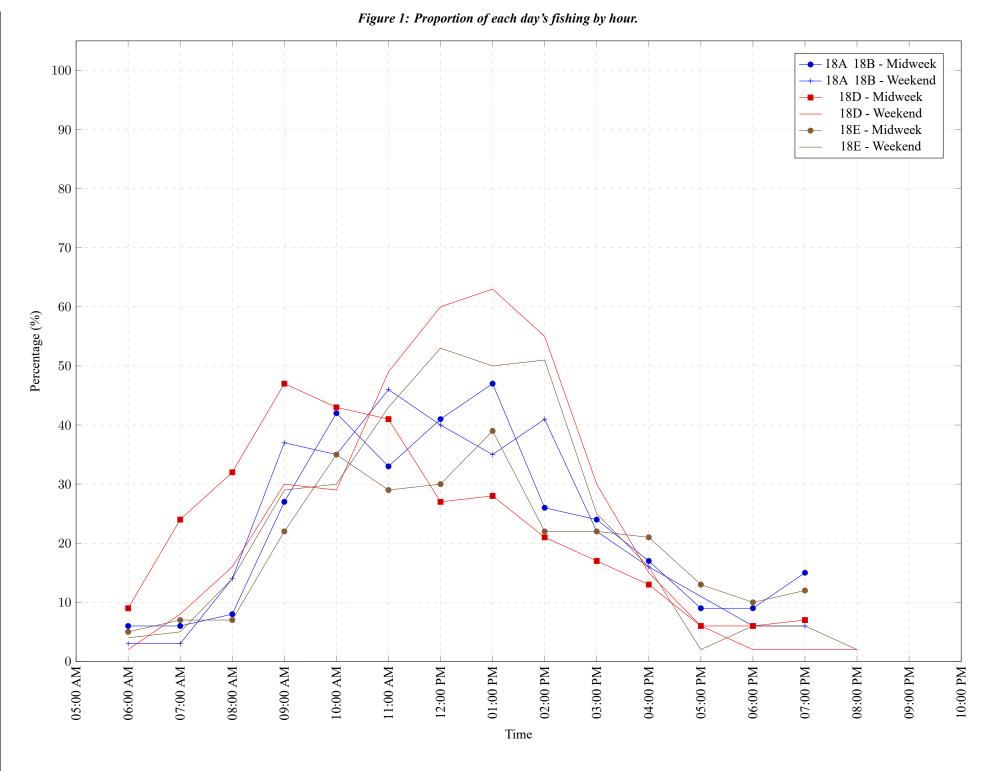


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	01:00 PM	02:00 PM	03:00 PM	04:00 PM	05:00 PM	06:00 PM	07:00 PM	08:00 PM	09:00 PM	10:00 PM
18A 18B	Midweek	6%	6%	8%	27%	42%	33%	41%	47%	26%	24%	17%	9%	9%	15%	0%	0%	0%
18A 18B	Weekend	3%	3%	14%	37%	35%	46%	40%	35%	41%	22%	16%	0%	6%	6%	0%	0%	0%
18D	Midweek	9%	24%	32%	47%	43%	41%	27%	28%	21%	17%	13%	6%	6%	7%	0%	0%	0%
18D	Weekend	2%	8%	16%	30%	29%	49%	60%	63%	55%	30%	15%	6%	2%	2%	2%	0%	0%
18E	Midweek	5%	7%	7%	22%	35%	29%	30%	39%	22%	22%	21%	13%	10%	12%	0%	0%	0%
18E	Weekend	4%	5%	14%	29%	30%	43%	53%	50%	51%	25%	16%	2%	6%	6%	2%	0%	0%

Date	Day Type	Cowichan Bay	Crofton Ramp	Mill Bay	Sidney (Tulista Park Ramp)
28 Apr 2023	Midweek				
29 Apr 2023	Weekend				
30 Apr 2023	Weekend				
01 May 2023	Midweek	calm/rippled	calm/rippled		calm/rippled
02 May 2023	Midweek				
03 May 2023	Midweek				
04 May 2023	Midweek				
05 May 2023	Midweek	choppy			
06 May 2023	Weekend	choppy			
07 May 2023	Weekend				
08 May 2023	Midweek			calm/rippled	
09 May 2023	Midweek				calm/rippled
10 May 2023	Midweek				
11 May 2023	Midweek				
12 May 2023	Midweek				
13 May 2023	Weekend			calm/rippled	
14 May 2023	Weekend		calm/rippled		
15 May 2023	Midweek		calm/rippled		
16 May 2023	Midweek	calm/rippled			choppy
17 May 2023	Midweek				
18 May 2023	Midweek				
19 May 2023	Midweek				
20 May 2023	Weekend				
21 May 2023	Weekend	choppy			
22 May 2023	Weekend				
23 May 2023	Midweek				
24 May 2023	Midweek				
25 May 2023	Midweek			calm/rippled	
26 May 2023	Midweek				
27 May 2023	Weekend				
28 May 2023	Weekend	choppy			choppy
29 May 2023	Midweek				
30 May 2023	Midweek				
31 May 2023	Midweek	calm/rippled			
01 Jun 2023	Midweek				
02 Jun 2023	Midweek				
03 Jun 2023	Weekend	choppy	choppy		calm/rippled

Table 8: Daily Fishing Conditions.