FISHERIES AND OCEANS CANADA

South Coast Assessment Bulletin

CREEL SURVEY DATA REVIEW PACKAGE



Prepared By: South Coast Salmon Stock Assessment Section

Thursday 8th February, 2024



Fisheries and Oceans Canada Pêches et Océans Canada



		Big Roc		at Brown's B				Marina	Kitty	Pacific Play	
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Date	Day Type	AM	PM	AM	PM	PM	AM	PM	PM	AM	PM
28 Apr 2023	Midweek										
29 Apr 2023	Weekend										
30 Apr 2023	Weekend										
01 May 2023	Midweek										
02 May 2023	Midweek										
03 May 2023	Midweek	12					4				
04 May 2023	Midweek	10									
05 May 2023	Midweek		1								
06 May 2023	Weekend	_	7					9			
07 May 2023	Weekend	3									
08 May 2023	Midweek							4			1
09 May 2023	Midweek	4									
10 May 2023	Midweek										
11 May 2023	Midweek										
12 May 2023	Midweek				1		3				
13 May 2023	Weekend					1					
14 May 2023	Weekend	11									
15 May 2023	Midweek							5	2		
16 May 2023	Midweek		9			1					
17 May 2023	Midweek				1						
18 May 2023	Midweek										
19 May 2023	Midweek										
20 May 2023	Weekend									1	
21 May 2023	Weekend				7		2				
22 May 2023	Weekend										
23 May 2023	Midweek			2							
24 May 2023	Midweek										
25 May 2023	Midweek										1
26 May 2023	Midweek							4			
27 May 2023	Weekend										
28 May 2023	Weekend							8			
29 May 2023	Midweek										
30 May 2023	Midweek										
31 May 2023	Midweek						1				
01 Jun 2023	Midweek				3						
02 Jun 2023	Midweek										
03 Jun 2023	Weekend						7				1

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

Date	Day	Average Fishing Conditions	Interviews & Log Trips	Chinook	Coho	Sockeye	Halibut	Observed Fishing	Flight Time	Expanded Fishing
28-Apr-2023	Friday		0							
29-Apr-2023	Saturday		0							
30-Apr-2023	Sunday		0							
01-May-2023	Monday		2	1						
02-May-2023	Tuesday		0							
03-May-2023	Wednesday	calm/rippled	16							
04-May-2023	Thursday	calm/rippled	10							
05-May-2023	Friday	calm/rippled	3	1						
06-May-2023	Saturday	calm/rippled	16					10	1146	12
07-May-2023	Sunday	calm/rippled	3							
08-May-2023	Monday	calm/rippled	5							
09-May-2023	Tuesday	calm/rippled	5							
10-May-2023	Wednesday		1							
11-May-2023	Thursday		2							
12-May-2023	Friday	calm/rippled	6	2				11	1136	25
13-May-2023	Saturday	calm/rippled	1					30	1120	44
14-May-2023	Sunday	calm/rippled	11							
15-May-2023	Monday	calm/rippled	7							
16-May-2023	Tuesday	calm/rippled	10							
17-May-2023	Wednesday	calm/rippled	1							
18-May-2023	Thursday		9	12				15	1123	32
19-May-2023	Friday		0							
20-May-2023	Saturday	choppy	6	2				18	1130	27
21-May-2023	Sunday	frequent	10	2				10	1150	27
21 1109 2020	Sullady	whitecaps	10	-						
22-May-2023	Monday		3	1						
22 May 2023	(Victoria Day)		2	-						
23-May-2023	Tuesday	choppy	5					14	1116	29
24-May-2023	Wednesday	enoppy	4					11	1110	2)
25-May-2023	Thursday	choppy	6	1						
26-May-2023	Friday	calm/rippled	9	9						
27-May-2023	Saturday	cumprippied	7	,						
28-May-2023	Sunday	choppy	16	2						
29-May-2023	Monday	ensppj	2	2						
30-May-2023	Tuesday		2	-						
31-May-2023	Wednesday	calm/rippled	9	4						
01-Jun-2023	Thursday	calm/rippled	11	9						
02-Jun-2023	Friday	cumrippieu	4	3						
03-Jun-2023	Saturday	calm/rippled	4 14	2				19	1027	31
03-Juli-2025	Totals	calm/rippled	14	32				13*	1027	29*
	Totals	choppy	73	32 7				13 19 <sup>*</sup>		29 28 <sup>*</sup>
	101415	cnoppy	15	1				17		20

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

\* Average number of boats Observed and Expanded

					C	PUE		Retained				
Day Type	Average	Number of	Total	Chinook	Coho	Sockeye	Halibut	Chinook	Coho	Sockeye	Halibut	
	Expanded	Days	Estimated									
	Boats		Effort									
Midweek	29	22	638	0.281				179				
Weekend	28	9	252	0.096				24				

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

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

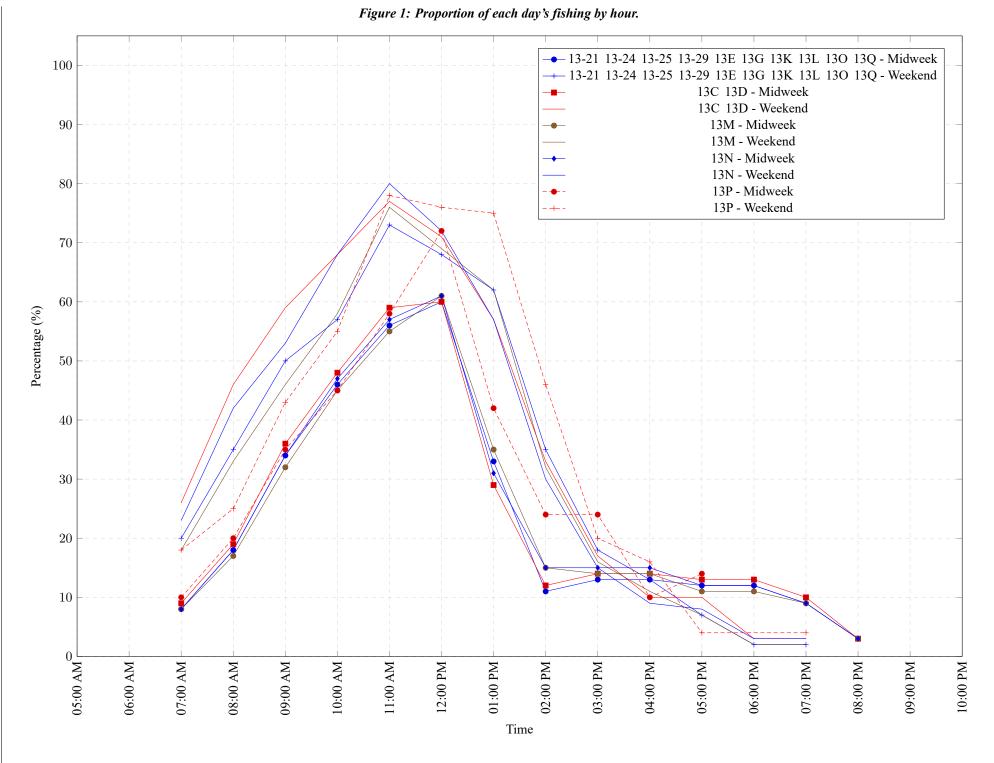
Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	May	1363	1032			
2019	May	867	0			0
2020	May	1045	47			
2021	May	1011	25			0
2022	May	654	154	0	0	4
2023	May	922	153			0
5-Yr Avg	May	988	252	0	0	1

Table 5: Sport Head Recovery Review.

Species		Creel Mark Rate	Creel Submission Rate			iRec Submission Rate	Sport Head Recoveries
Chinook	7	5%	143%	3	5%	333%	10

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	180	22%
iRec Anglers	2014	6%



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

Areas	Day Type	6:00	7:00	8:00	9:00				01:00									
		AM	AM	AM	AM	AM	AM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
13-21 13-24 13-25 13-29 13E 13G 13K 13L 13O 13Q	Midweek	0%	8%	18%	34%	46%	56%	60%	33%	11%	13%	13%	12%	12%	9%	3%	0%	0%
13-21 13-24 13-25 13-29 13E 13G 13K 13L 13O 13Q	Weekend	0%	20%	35%	50%	57%	73%	68%	62%	35%	18%	13%	7%	2%	2%	0%	0%	0%
13C 13D	Midweek	0%	9%	19%	36%	48%	59%	60%	29%	12%	14%	14%	13%	13%	10%	3%	0%	0%
13C 13D	Weekend	0%	26%	46%	59%	68%	77%	71%	57%	33%	17%	10%	10%	3%	3%	0%	0%	0%
13M	Midweek	0%	8%	17%	32%	45%	55%	61%	35%	15%	14%	14%	11%	11%	9%	3%	0%	0%
13M	Weekend	0%	18%	33%	46%	58%	76%	69%	62%	32%	16%	11%	7%	2%	2%	0%	0%	0%
13N	Midweek	0%	8%	18%	34%	47%	57%	61%	31%	15%	15%	15%	12%	12%	9%	3%	0%	0%
13N	Weekend	0%	23%	42%	53%	68%	80%	72%	57%	30%	15%	9%	8%	3%	3%	0%	0%	0%
13P	Midweek	0%	10%	20%	35%	45%	58%	72%	42%	24%	24%	10%	14%	0%	0%	0%	0%	0%
13P	Weekend	0%	18%	25%	43%	55%	78%	76%	75%	46%	20%	16%	4%	0%	4%	0%	0%	0%

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Date	Day Type	Big Rock Boat Rental	Brown's Bay	Comox Mun	Discovery Marina South	Kitty Coleman	Pacific Play
28 Apr 2023	Midweek						
29 Apr 2023	Weekend						
30 Apr 2023	Weekend						
01 May 2023	Midweek						
02 May 2023	Midweek						
03 May 2023	Midweek	calm/rippled			calm/rippled		
04 May 2023	Midweek	calm/rippled			11		
05 May 2023	Midweek	calm/rippled					
06 May 2023	Weekend	calm/rippled			calm/rippled		
07 May 2023	Weekend	calm/rippled			11		
08 May 2023	Midweek	11			calm/rippled		calm/rippled
09 May 2023	Midweek	calm/rippled			11		11
10 May 2023	Midweek	11					
11 May 2023	Midweek						
12 May 2023	Midweek		calm/rippled		calm/rippled		
13 May 2023	Weekend		11	calm/rippled	11		
14 May 2023	Weekend	calm/rippled		11			
15 May 2023	Midweek	11			calm/rippled	calm/rippled	
16 May 2023	Midweek	calm/rippled		calm/rippled			
17 May 2023	Midweek		calm/rippled				
18 May 2023	Midweek		11				
19 May 2023	Midweek						
20 May 2023	Weekend						choppy
21 May 2023	Weekend		frequent whitecaps		choppy		117
22 May 2023	Weekend						
23 May 2023	Midweek		choppy				
24 May 2023	Midweek						
25 May 2023	Midweek						choppy
26 May 2023	Midweek				calm/rippled		
27 May 2023	Weekend						
28 May 2023	Weekend				choppy		
29 May 2023	Midweek						
30 May 2023	Midweek						
31 May 2023	Midweek				calm/rippled		
01 Jun 2023	Midweek		calm/rippled				
02 Jun 2023	Midweek						
02 Juli 2025							

## Table 8: Daily Fishing Conditions.