FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 15 August 2023



Prepared By: South Coast Salmon Stock Assessment Section

Saturday 10th February, 2024

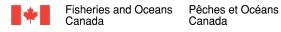




Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

		Big Rock Boat Rental	Brown's Bay	Bucaneer	Discov- ery Marina South	Kitty Co	oleman	Pacific Play
Date	Day Type	PM	PM	PM	PM	AM	PM	PM
29 Jul 2023	Weekend	1111	2112	1111	1111	1111	11.1	11,1
30 Jul 2023	Weekend				1			2
31 Jul 2023	Midweek							
01 Aug 2023	Midweek	1						
02 Aug 2023	Midweek							
03 Aug 2023	Midweek							
04 Aug 2023	Midweek							
05 Aug 2023	Weekend						1	
06 Aug 2023	Weekend	1	1					
07 Aug 2023	Weekend						1	
08 Aug 2023	Midweek							
09 Aug 2023	Midweek							
10 Aug 2023	Midweek							
11 Aug 2023	Midweek							
12 Aug 2023	Weekend							
13 Aug 2023	Weekend					1		
14 Aug 2023	Midweek							
15 Aug 2023	Midweek							
16 Aug 2023	Midweek							
17 Aug 2023	Midweek							
18 Aug 2023	Midweek							
19 Aug 2023	Weekend							
20 Aug 2023	Weekend			1				
21 Aug 2023	Midweek							
22 Aug 2023	Midweek							
23 Aug 2023	Midweek							
24 Aug 2023	Midweek				1			
25 Aug 2023	Midweek							
26 Aug 2023	Weekend							
27 Aug 2023	Weekend							
28 Aug 2023	Midweek							
29 Aug 2023	Midweek							
30 Aug 2023	Midweek							
31 Aug 2023	Midweek	1						
01 Sep 2023	Midweek							
02 Sep 2023	Weekend							
03 Sep 2023	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
29-Jul-2023	Saturday		1	2				26	1156	65
30-Jul-2023	Sunday	choppy	4	13	6					
31-Jul-2023	Monday	117	2	5						
01-Aug-2023	Tuesday	calm/rippled	2	1						
02-Aug-2023	Wednesday	**	1	1				20	1009	54
03-Aug-2023	Thursday		1	1						
04-Aug-2023	Friday		0							
05-Aug-2023	Saturday	calm/rippled	1							
06-Aug-2023	Sunday	calm/rippled	3	3				34	0958	81
07-Aug-2023	Monday (B.C.	calm/rippled	2	1				34	1000	82
	Day)									
08-Aug-2023	Tuesday		1	2						
09-Aug-2023	Wednesday		1	1				11	1053	30
10-Aug-2023	Thursday		0							
11-Aug-2023	Friday		1	2						
12-Aug-2023	Saturday		0	_						
13-Aug-2023	Sunday	choppy	2	4				8	1005	19
14-Aug-2023	Monday	onepp)	0	•				· ·	1000	
15-Aug-2023	Tuesday		0					5	1003	14
16-Aug-2023	Wednesday		0					, and the second	1000	
17-Aug-2023	Thursday		ő							
18-Aug-2023	Friday		ő							
19-Aug-2023	Saturday		0					28	0950	65
20-Aug-2023	Sunday	choppy	1	2				20	0,50	0.5
21-Aug-2023	Monday	Спорру	0	_						
22-Aug-2023	Tuesday		ő							
23-Aug-2023	Wednesday		ő							
24-Aug-2023	Thursday	calm/rippled	1							
25-Aug-2023	Friday	canni rippica	0							
26-Aug-2023	Saturday		0					19	1002	46
27-Aug-2023	Sunday		ő					• •	1002	
28-Aug-2023	Monday		0					16	0946	44
29-Aug-2023	Tuesday		1					- 0	0	
30-Aug-2023	Wednesday		0					8	0952	22
31-Aug-2023	Thursday	calm/rippled	1	2				Ţ.		
01-Sep-2023	Friday		0	-				11	1102	28
02-Sep-2023	Saturday		1							
03-Sep-2023	Sunday		1							
P =	Totals	calm/rippled	10	10				12*		33*
	Totals	calm/rippled	9	10				25*		59*

^{*} 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	59	9	531	1.111				590					
Midweek	33	22	726	1				726					

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

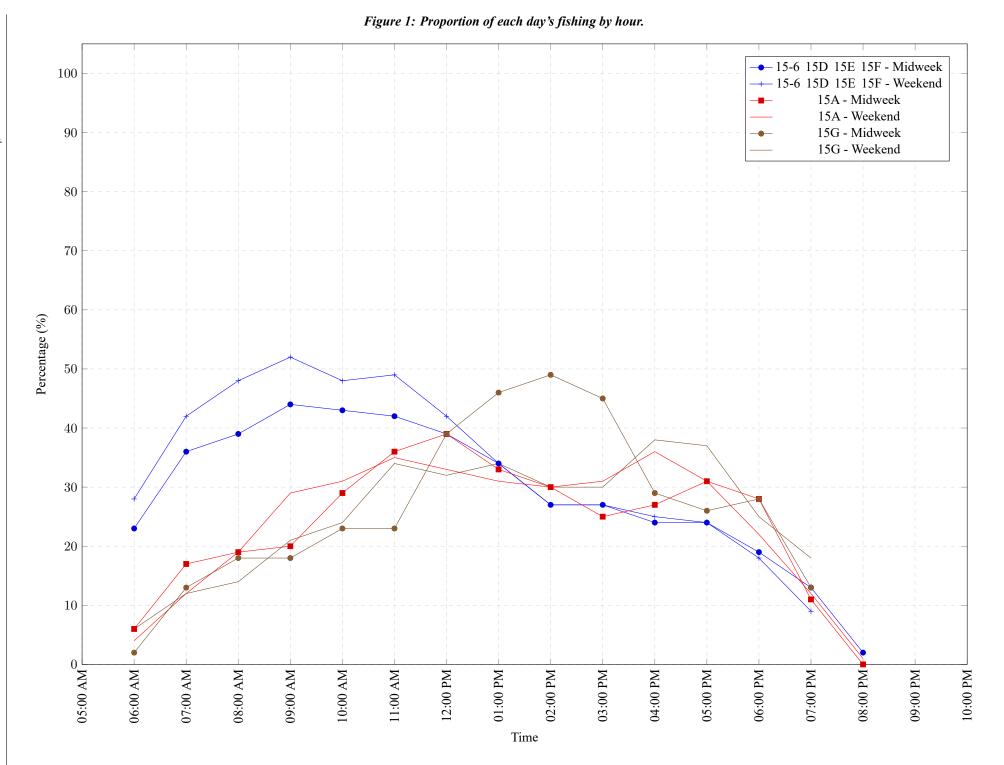
Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	August	4482	2345	256	121	
2019	August	2017	1442	85		0
2020	August	1576	436	105		0
2021	August	2797	1319	96		69
2022	August	3246	2473	62	0	0
2023	August	1333	820	93		16
5-Yr Avg	August	2824	1603	121	61	17

Table 5: Sport Head Recovery Review.

Species	Creel Marked Catch		Creel Submission Rate	iRec Marked Catch		iRec Submission Rate	Sport Head Recoveries
Coho	89	96%	19%	694	76%	2%	17
Chinook	54	7%	44%	435	17%	6%	24

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	19	1%
iRec Anglers	7204	4%



Area 15 August 2023

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

Areas	Day Type	6:00	7:00	8:00		10:00												
		AM	AM	AM	AM	AM	AM	PM	PM	PM	PM							
15-6 15D 15E 15F	Midweek	23%	36%	39%	44%	43%	42%	39%	34%	27%	27%	24%	24%	19%	13%	2%	0%	0%
15-6 15D 15E 15F	Weekend	28%	42%	48%	52%	48%	49%	42%	34%	27%	27%	25%	24%	18%	9%	0%	0%	0%
15A	Midweek	6%	17%	19%	20%	29%	36%	39%	33%	30%	25%	27%	31%	28%	11%	0%	0%	0%
15A	Weekend	4%	12%	19%	29%	31%	35%	33%	31%	30%	31%	36%	31%	22%	12%	1%	0%	0%
15G	Midweek	2%	13%	18%	18%	23%	23%	39%	46%	49%	45%	29%	26%	28%	13%	0%	0%	0%
15G	Weekend	6%	12%	14%	21%	24%	34%	32%	34%	30%	30%	38%	37%	25%	18%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Big Rock Boat Rental	Brown's Bay	Bucaneer	Discovery Marina South	Kitty Coleman	Pacific Play
29 Jul 2023	Weekend						
30 Jul 2023	Weekend				calm/rippled		choppy
31 Jul 2023	Midweek				11		113
01 Aug 2023	Midweek	calm/rippled					
02 Aug 2023	Midweek	11					
03 Aug 2023	Midweek						
04 Aug 2023	Midweek						
05 Aug 2023	Weekend					calm/rippled	
06 Aug 2023	Weekend	calm/rippled	calm/rippled			11	
07 Aug 2023	Weekend	11	11			calm/rippled	
08 Aug 2023	Midweek					11	
09 Aug 2023	Midweek						
10 Aug 2023	Midweek						
11 Aug 2023	Midweek						
12 Aug 2023	Weekend						
13 Aug 2023	Weekend					choppy	
14 Aug 2023	Midweek					117	
15 Aug 2023	Midweek						
16 Aug 2023	Midweek						
17 Aug 2023	Midweek						
18 Aug 2023	Midweek						
19 Aug 2023	Weekend						
20 Aug 2023	Weekend			choppy			
21 Aug 2023	Midweek			111			
22 Aug 2023	Midweek						
23 Aug 2023	Midweek						
24 Aug 2023	Midweek				calm/rippled		
25 Aug 2023	Midweek						
26 Aug 2023	Weekend						
27 Aug 2023	Weekend						
28 Aug 2023	Midweek						
29 Aug 2023	Midweek						
30 Aug 2023	Midweek						
31 Aug 2023	Midweek	calm/rippled					
01 Sep 2023	Midweek						
02 Sep 2023	Weekend						
03 Sep 2023	Weekend						