FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 13 May 2024



Prepared By: South Coast Salmon Stock Assessment Section

Friday 19th July, 2024

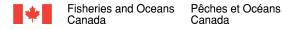




Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

		Big Roo Ren		Brown	's Bay	Discovery Sou		Pacific Play	Westviev
Date	Day Type	AM	PM	AM	PM	AM	PM	PM	AM
28 Apr 2024	Weekend	1							
29 Apr 2024	Midweek								
30 Apr 2024	Midweek								
01 May 2024	Midweek			2					
02 May 2024	Midweek							2	
03 May 2024	Midweek								
04 May 2024	Weekend				3				
05 May 2024	Weekend		7				1	1	1
06 May 2024	Midweek						4		
07 May 2024	Midweek								
08 May 2024	Midweek								
09 May 2024	Midweek								
10 May 2024	Midweek								
11 May 2024	Weekend								
12 May 2024	Weekend	6							
13 May 2024	Midweek								
14 May 2024	Midweek						3		
15 May 2024	Midweek	3	4						
16 May 2024	Midweek								
17 May 2024	Midweek					4			
18 May 2024	Weekend	4							
19 May 2024	Weekend								
20 May 2024	Weekend				8	6			
21 May 2024	Midweek								
22 May 2024	Midweek								
23 May 2024	Midweek								
24 May 2024	Midweek		3						
25 May 2024	Weekend						3		
26 May 2024	Weekend								
27 May 2024	Midweek				1				
28 May 2024	Midweek					1			
29 May 2024	Midweek								
30 May 2024	Midweek								
31 May 2024	Midweek	7							
01 Jun 2024	Weekend	7			4				
02 Jun 2024	Weekend								
03 Jun 2024	Midweek								

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
28-Apr-2024	Sunday	calm/rippled	1							
29-Apr-2024	Monday	**	0							
30-Apr-2024	Tuesday		0							
01-May-2024	Wednesday	calm/rippled	2							
02-May-2024	Thursday	calm/rippled	2					25	1111	63
03-May-2024	Friday	**	0							
04-May-2024	Saturday	calm/rippled	3							
05-May-2024	Sunday	calm/rippled	10	1				16	1106	34
06-May-2024	Monday	calm/rippled	4	3				6	1108	15
07-May-2024	Tuesday	**	0							
08-May-2024	Wednesday		0							
09-May-2024	Thursday		0							
10-May-2024	Friday		0							
11-May-2024	Saturday		0							
12-May-2024	Sunday	choppy	6					7	1110	15
13-May-2024	Monday	117	0							
14-May-2024	Tuesday	choppy	3							
15-May-2024	Wednesday	calm/rippled	7							
16-May-2024	Thursday	11	0							
17-May-2024	Friday	choppy	4					10	1114	22
18-May-2024	Saturday	calm/rippled	4							
19-May-2024	Sunday	**	0							
20-May-2024	Monday	calm/rippled	14					36	1112	79
· ·	(Victoria Day)	**								
21-May-2024	Tuesday		0							
22-May-2024	Wednesday		0							
23-May-2024	Thursday		0							
24-May-2024	Friday	calm/rippled	3	2						
25-May-2024	Saturday	calm/rippled	3					9	1116	18
26-May-2024	Sunday	**	0							
27-May-2024	Monday	calm/rippled	1							
28-May-2024	Tuesday	calm/rippled	1							
29-May-2024	Wednesday	**	0							
30-May-2024	Thursday		0					23	1107	57
31-May-2024	Friday	calm/rippled	7							
01-Jun-2024	Saturday	calm/rippled	11	5				22	1108	47
02-Jun-2024	Sunday	**	0							
03-Jun-2024	Monday		0							
	Totals	calm/rippled	34	5				16*		39*
	Totals	calm/rippled	40	1				17*		37*

^{*} Average number of boats Observed and Expanded

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

				CPUE					Ret	ained	
Day Type	Average	Number of	Total	Chinook	Coho	Sockeye	Halibut	Chinook	Coho	Sockeye	Halibut
	Expanded	Days	Estimated								
	Boats		Effort								
Midweek	39	22	858	0.147				126			
Weekend	37	9	333	0.025				8			

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
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
2024	May	1151	104	0		0
5-Yr Avg	May	900	76	0	0	1

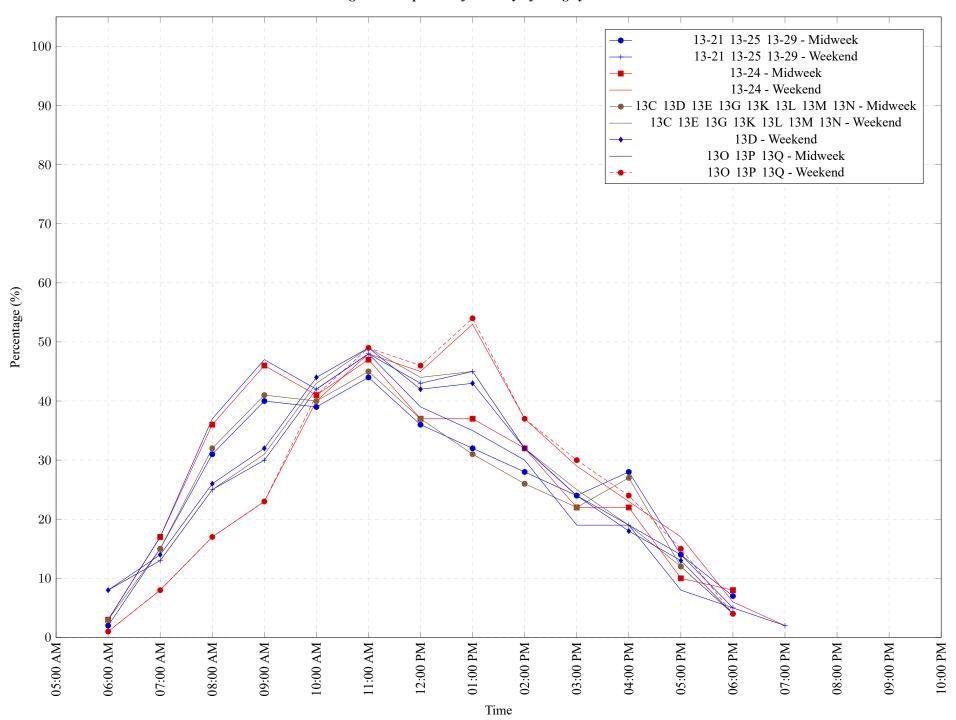
Table 5: Sport Head Recovery Review.

Species	Creel Creel	Creel	iRec iRec	iRec	Sport Head
	Marked Mark	Submission	Marked Mark	Submission	Recoveries
	Catch Rate	Rate	Catch Rate	Rate	

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	74	9%
iRec Anglers	1328	15%

Figure 1: Proportion of each day's fishing by hour.



Area 13 May 2024

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
13-21 13-25 13-29	Midweek	2%	15%	31%	40%	39%	44%	36%	32%	28%	24%	28%	14%	7%	0%	0%	0%	0%
13-21 13-25 13-29	Weekend	8%	13%	25%	30%	42%	48%	43%	45%	32%	24%	19%	14%	5%	2%	0%	0%	0%
13-24	Midweek	3%	17%	36%	46%	41%	47%	37%	37%	32%	22%	22%	10%	8%	0%	0%	0%	0%
13-24	Weekend	1%	8%	17%	23%	40%	48%	45%	53%	37%	29%	23%	17%	6%	2%	0%	0%	0%
13C 13D 13E 13G 13K 13L 13M 13N	Midweek	3%	15%	32%	41%	40%	45%	37%	31%	26%	22%	27%	12%	4%	0%	0%	0%	0%
13C 13E 13G 13K 13L 13M 13N	Weekend	8%	13%	25%	31%	43%	49%	44%	45%	32%	25%	19%	12%	4%	0%	0%	0%	0%
13D	Weekend	8%	14%	26%	32%	44%	49%	42%	43%	32%	24%	18%	13%	4%	0%	0%	0%	0%
13O 13P 13Q	Midweek	3%	17%	37%	47%	42%	48%	39%	35%	30%	19%	19%	8%	5%	0%	0%	0%	0%
13O 13P 13Q	Weekend	1%	8%	17%	23%	41%	49%	46%	54%	37%	30%	24%	15%	4%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Big Rock Boat Rental	Brown's Bay	Discovery Marina South	Pacific Play	Westview
28 Apr 2024	Weekend	calm/rippled				
29 Apr 2024	Midweek	11				
30 Apr 2024	Midweek					
01 May 2024	Midweek		calm/rippled			
02 May 2024	Midweek		11		calm/rippled	
03 May 2024	Midweek					
04 May 2024	Weekend		calm/rippled			
05 May 2024	Weekend	calm/rippled		calm/rippled	choppy	choppy
06 May 2024	Midweek			calm/rippled		
07 May 2024	Midweek					
08 May 2024	Midweek					
09 May 2024	Midweek					
10 May 2024	Midweek					
11 May 2024	Weekend					
12 May 2024	Weekend	choppy				
13 May 2024	Midweek					
14 May 2024	Midweek			choppy		
15 May 2024	Midweek	calm/rippled				
16 May 2024	Midweek					
17 May 2024	Midweek			choppy		
18 May 2024	Weekend	calm/rippled				
19 May 2024	Weekend					
20 May 2024	Weekend		choppy	calm/rippled		
21 May 2024	Midweek					
22 May 2024	Midweek					
23 May 2024	Midweek					
24 May 2024	Midweek	calm/rippled				
25 May 2024	Weekend			calm/rippled		
26 May 2024	Weekend					
27 May 2024	Midweek		calm/rippled			
28 May 2024	Midweek			calm/rippled		
29 May 2024	Midweek					
30 May 2024	Midweek					
31 May 2024	Midweek	calm/rippled				
01 Jun 2024	Weekend	calm/rippled	calm/rippled			
02 Jun 2024	Weekend					
03 Jun 2024	Midweek					