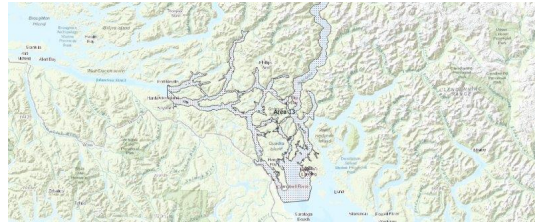


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 13 September 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Wednesday 13th November, 2024



Fisheries and Oceans
Canada

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Canada



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

Date	Day Type	Big Rock Boat Rental		Brown's Bay	Discovery Marina South		Pacific Play	Westview
		AM	PM	PM	AM	PM	PM	PM
29 Aug 2024	Midweek						5	
30 Aug 2024	Midweek							
31 Aug 2024	Weekend						4	
01 Sep 2024	Weekend	18						1
02 Sep 2024	Weekend		33					
03 Sep 2024	Midweek	8		17				
04 Sep 2024	Midweek				9		6	
05 Sep 2024	Midweek							
06 Sep 2024	Midweek		23					
07 Sep 2024	Weekend					15		
08 Sep 2024	Weekend			2				
09 Sep 2024	Midweek							
10 Sep 2024	Midweek					14		
11 Sep 2024	Midweek						2	
12 Sep 2024	Midweek		27		7			
13 Sep 2024	Midweek							
14 Sep 2024	Weekend				9			
15 Sep 2024	Weekend			7				
16 Sep 2024	Midweek		23					
17 Sep 2024	Midweek	4						
18 Sep 2024	Midweek							
19 Sep 2024	Midweek							
20 Sep 2024	Midweek					15		
21 Sep 2024	Weekend							
22 Sep 2024	Weekend							
23 Sep 2024	Midweek					2		
24 Sep 2024	Midweek	6						
25 Sep 2024	Midweek							
26 Sep 2024	Midweek							
27 Sep 2024	Midweek							
28 Sep 2024	Weekend					6		
29 Sep 2024	Weekend						2	
30 Sep 2024	Midweek							
01 Oct 2024	Midweek							
02 Oct 2024	Midweek							
03 Oct 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
29-Aug-2024	Thursday	choppy	6	1	2					
30-Aug-2024	Friday		3							
31-Aug-2024	Saturday	calm/rippled	5	1	3					
01-Sep-2024	Sunday	choppy	22	10	40					
02-Sep-2024	Monday (Labour Day)	choppy	37	11	37			110	1121	216
03-Sep-2024	Tuesday	calm/rippled	25	9	39					
04-Sep-2024	Wednesday	calm/rippled	15	12	26			47	1117	100
05-Sep-2024	Thursday		0							
06-Sep-2024	Friday	choppy	25	13	44					
07-Sep-2024	Saturday	choppy	19	20	50			79	1116	158
08-Sep-2024	Sunday	choppy	5	3	1					
09-Sep-2024	Monday		3	1	3					
10-Sep-2024	Tuesday	choppy	17	5	34					
11-Sep-2024	Wednesday	calm/rippled	4	4	6					
12-Sep-2024	Thursday	calm/rippled	34	14	54					
13-Sep-2024	Friday		0					57	1111	120
14-Sep-2024	Saturday	calm/rippled	10	11	37			44	1110	87
15-Sep-2024	Sunday	choppy	7	3	14					
16-Sep-2024	Monday	choppy	23	4	41			55	1117	115
17-Sep-2024	Tuesday	calm/rippled	4	1	11					
18-Sep-2024	Wednesday		0							
19-Sep-2024	Thursday		0							
20-Sep-2024	Friday	calm/rippled	17	16	39					
21-Sep-2024	Saturday		0							
22-Sep-2024	Sunday		0					19	1103	38
23-Sep-2024	Monday	calm/rippled	2	1	6					
24-Sep-2024	Tuesday	calm/rippled	6		13					
25-Sep-2024	Wednesday		0							
26-Sep-2024	Thursday		0							
27-Sep-2024	Friday		0							
28-Sep-2024	Saturday	calm/rippled	7	3	11					
29-Sep-2024	Sunday	calm/rippled	2	1	3					
30-Sep-2024	Monday		0							
01-Oct-2024	Tuesday		0							
02-Oct-2024	Wednesday		0							
03-Oct-2024	Thursday		0							
	Totals	calm/rippled	175	80	316			53*		112*
	Totals	choppy	109	62	193			63*		125*

* Average number of boats Observed and Expanded

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

Day Type	Average Expanded Boats	Number of Days	Total Estimated Effort	CPUE				Retained			
				Chinook	Coho	Sockeye	Halibut	Chinook	Coho	Sockeye	Halibut
Weekend	125	10	1250	0.569	1.771			711	2214		
Midweek	112	20	2240	0.457	1.806			1024	4045		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	September	2845	2476	128		0
2020	September	2797	1801	306	0	0
2021	September	3650	1941	676		0
2022	September	4465	3769	2952	19	0
2023	September	3706	3324	5923		0
2024	September	3105	1561	6050		0
5-Yr Avg	September	3493	2662	1997	10	0

Table 5: Sport Head Recovery Review.

Species	Creel Marked Catch	Creel Mark Rate	Creel Submission Rate	iRec Marked Catch	iRec Mark Rate	iRec Submission Rate	Sport Head Recoveries
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Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	256	20%
iRec Anglers	7776	27%

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

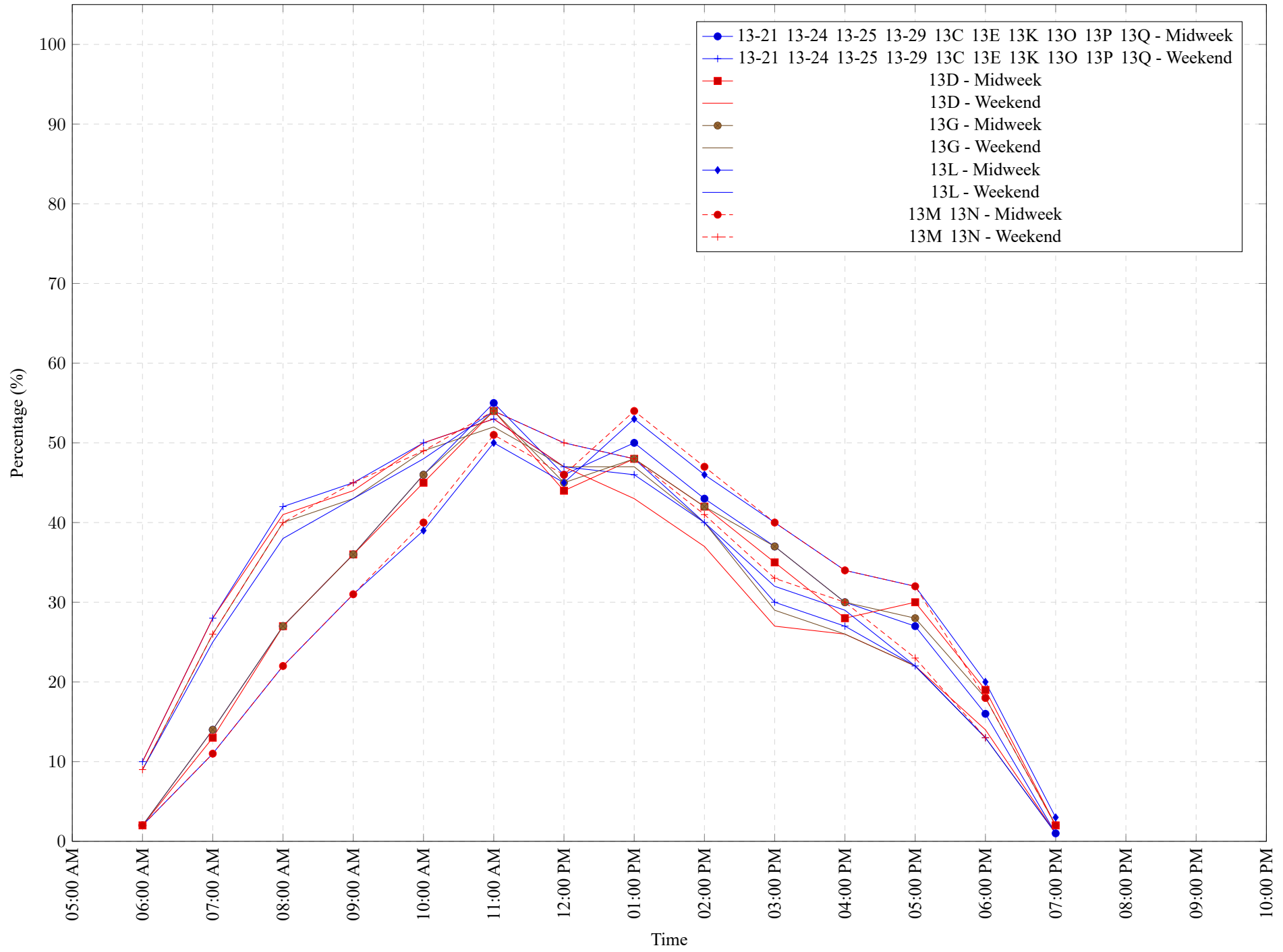


Table 7: Proportion of each day's fishing by hour.

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	13-24	13-25	13-29	13C	13E	13K	13O	13P	13Q	Midweek	2%	14%	27%	36%	46%	55%	46%	50%	43%	37%	30%	27%	16%	1%	0%	0%	0%
13-21	13-24	13-25	13-29	13C	13E	13K	13O	13P	13Q	Weekend	10%	28%	42%	45%	50%	53%	47%	46%	40%	30%	27%	22%	13%	0%	0%	0%	0%
13D										Midweek	2%	13%	27%	36%	45%	54%	44%	48%	42%	35%	28%	30%	19%	2%	0%	0%	0%
13D										Weekend	10%	28%	41%	44%	50%	53%	47%	43%	37%	27%	26%	22%	14%	1%	0%	0%	0%
13G										Midweek	2%	14%	27%	36%	46%	54%	45%	48%	42%	37%	30%	28%	18%	2%	0%	0%	0%
13G										Weekend	9%	26%	40%	43%	49%	52%	47%	47%	40%	29%	26%	22%	13%	1%	0%	0%	0%
13L										Midweek	2%	11%	22%	31%	39%	50%	45%	53%	46%	40%	34%	32%	20%	3%	0%	0%	0%
13L										Weekend	9%	25%	38%	43%	48%	54%	50%	48%	40%	32%	29%	22%	13%	1%	0%	0%	0%
13M 13N										Midweek	2%	11%	22%	31%	40%	51%	46%	54%	47%	40%	34%	32%	18%	2%	0%	0%	0%
13M 13N										Weekend	9%	26%	40%	45%	49%	54%	50%	48%	41%	33%	30%	23%	13%	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
29 Aug 2024	Midweek				choppy	
30 Aug 2024	Midweek					
31 Aug 2024	Weekend				calm/rippled	
01 Sep 2024	Weekend	choppy				calm/rippled
02 Sep 2024	Weekend	choppy				
03 Sep 2024	Midweek	calm/rippled	choppy			
04 Sep 2024	Midweek			calm/rippled	calm/rippled	
05 Sep 2024	Midweek					
06 Sep 2024	Midweek	choppy				
07 Sep 2024	Weekend			choppy		
08 Sep 2024	Weekend		choppy			
09 Sep 2024	Midweek					
10 Sep 2024	Midweek			choppy		
11 Sep 2024	Midweek				calm/rippled	
12 Sep 2024	Midweek	calm/rippled		calm/rippled		
13 Sep 2024	Midweek					
14 Sep 2024	Weekend			calm/rippled		
15 Sep 2024	Weekend		choppy			
16 Sep 2024	Midweek	choppy				
17 Sep 2024	Midweek	calm/rippled				
18 Sep 2024	Midweek					
19 Sep 2024	Midweek					
20 Sep 2024	Midweek			calm/rippled		
21 Sep 2024	Weekend					
22 Sep 2024	Weekend					
23 Sep 2024	Midweek			calm/rippled		
24 Sep 2024	Midweek	calm/rippled				
25 Sep 2024	Midweek					
26 Sep 2024	Midweek					
27 Sep 2024	Midweek					
28 Sep 2024	Weekend			calm/rippled		
29 Sep 2024	Weekend				calm/rippled	
30 Sep 2024	Midweek					
01 Oct 2024	Midweek					
02 Oct 2024	Midweek					
03 Oct 2024	Midweek					