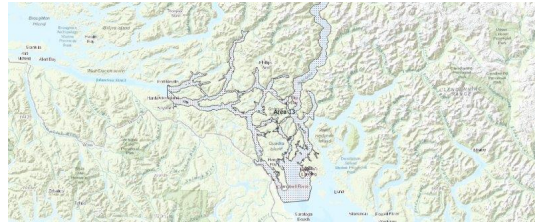


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 13 August 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 10th October, 2024



Fisheries and Oceans
Canada

Pêches et Océans
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		Lund	Pacific Play		Westview
		AM	PM	AM	PM	AM	PM	PM	AM	PM	PM
29 Jul 2024	Midweek	7									
30 Jul 2024	Midweek										
31 Jul 2024	Midweek										
01 Aug 2024	Midweek					15					
02 Aug 2024	Midweek					20				3	
03 Aug 2024	Weekend						18				
04 Aug 2024	Weekend			16		21					
05 Aug 2024	Weekend									12	
06 Aug 2024	Midweek				13				2		
07 Aug 2024	Midweek										
08 Aug 2024	Midweek										
09 Aug 2024	Midweek						9				
10 Aug 2024	Weekend				12			2			
11 Aug 2024	Weekend	26							5		
12 Aug 2024	Midweek			6	11						
13 Aug 2024	Midweek						6			5	
14 Aug 2024	Midweek										
15 Aug 2024	Midweek										
16 Aug 2024	Midweek	10				10					
17 Aug 2024	Weekend	15				15					
18 Aug 2024	Weekend										
19 Aug 2024	Midweek	14									
20 Aug 2024	Midweek										
21 Aug 2024	Midweek				3						
22 Aug 2024	Midweek										
23 Aug 2024	Midweek	24									
24 Aug 2024	Weekend			16							
25 Aug 2024	Weekend	13			14		12				
26 Aug 2024	Midweek										
27 Aug 2024	Midweek		4								
28 Aug 2024	Midweek										
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						

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-2024	Monday	frequent whitecaps	8	1	5					
30-Jul-2024	Tuesday		1							
31-Jul-2024	Wednesday		0							
01-Aug-2024	Thursday	calm/rippled	16	7	7					
02-Aug-2024	Friday	calm/rippled	28	16	13			121	1015	272
03-Aug-2024	Saturday	calm/rippled	21	25	16			194	1027	453
04-Aug-2024	Sunday	calm/rippled	40	28	19					
05-Aug-2024	Monday (B.C. Day)	calm/rippled	15	10	2					
06-Aug-2024	Tuesday	calm/rippled	18	5						
07-Aug-2024	Wednesday		2					85	1021	189
08-Aug-2024	Thursday		0							
09-Aug-2024	Friday	calm/rippled	12	8	7					
10-Aug-2024	Saturday	choppy	17	6	5					
11-Aug-2024	Sunday	calm/rippled	34	6	8		1	87	1027	212
12-Aug-2024	Monday	calm/rippled	20	9	7			115	1026	255
13-Aug-2024	Tuesday	choppy	12	9	7					
14-Aug-2024	Wednesday		4	4						
15-Aug-2024	Thursday		2	2						
16-Aug-2024	Friday	calm/rippled	22	16	13					
17-Aug-2024	Saturday	calm/rippled	32	22	40					
18-Aug-2024	Sunday		3	1				38	1028	90
19-Aug-2024	Monday	choppy	15	6	5					
20-Aug-2024	Tuesday		1							
21-Aug-2024	Wednesday	calm/rippled	4	7	1					
22-Aug-2024	Thursday		0							
23-Aug-2024	Friday	calm/rippled	24	12	8			116	1017	256
24-Aug-2024	Saturday	choppy	16	13	1			99	1019	238
25-Aug-2024	Sunday	calm/rippled	39	26	9			74	1013	181
26-Aug-2024	Monday		0							
27-Aug-2024	Tuesday	choppy	4		3					
28-Aug-2024	Wednesday		0					82	1021	179
29-Aug-2024	Thursday	choppy	5		1					
30-Aug-2024	Friday		0							
31-Aug-2024	Saturday	calm/rippled	4		3					
01-Sep-2024	Sunday	choppy	19	9	38					
02-Sep-2024	Monday (Labour Day)	choppy	33	8	35			104	1121	216
03-Sep-2024	Tuesday	calm/rippled	25	9	39					
	Totals	calm/rippled	189	101	72			104*		230*
	Totals	calm/rippled	221	137	103		1	98*		235*

* 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
Midweek	230	21	4830	0.534	0.381			2579	1840		
Weekend	235	10	2350	0.62	0.466		0.005	1457	1095		12

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	August	7869	9527	263	0	0
2020	August	7451	7067	69	0	19
2021	August	9898	7460	227	22	30
2022	August	8966	8724	508	46	19
2023	August	7479	6447	4005	7	0
2024	August	7042	3943	2567	0	9
5-Yr Avg	August	8333	7845	1014	15	14

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	362	17%

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

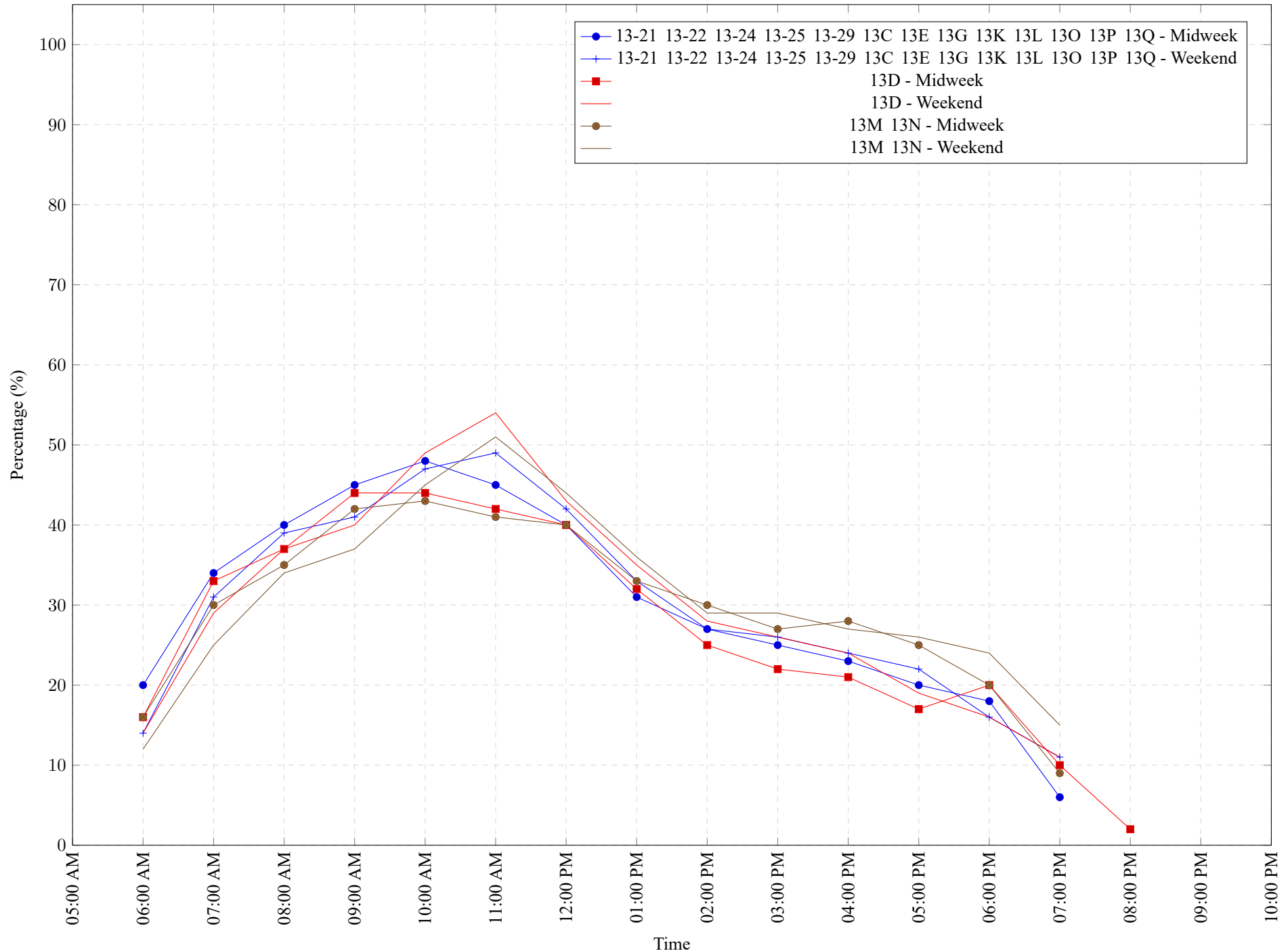


Table 7: Proportion of each day's fishing by hour.

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	13-22	13-24	13-25	13-29	13C	13E	13G	13K	13L	13O	13P	13Q		Midweek	20%	34%	40%	45%	48%	45%	40%	31%	27%	25%	23%	20%	18%	6%	0%	0%	0%
13-21	13-22	13-24	13-25	13-29	13C	13E	13G	13K	13L	13O	13P	13Q		Weekend	14%	31%	39%	41%	47%	49%	42%	33%	27%	26%	24%	22%	16%	11%	0%	0%	0%
13D														Midweek	16%	33%	37%	44%	44%	42%	40%	32%	25%	22%	21%	17%	20%	10%	2%	0%	0%
13D														Weekend	14%	29%	37%	40%	49%	54%	43%	35%	28%	26%	24%	19%	16%	11%	0%	0%	0%
13M 13N														Midweek	16%	30%	35%	42%	43%	41%	40%	33%	30%	27%	28%	25%	20%	9%	0%	0%	0%
13M 13N														Weekend	12%	25%	34%	37%	45%	51%	44%	36%	29%	29%	27%	26%	24%	15%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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