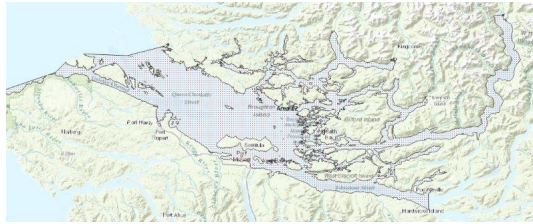


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 12 July 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Saturday 7th December, 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	Alder Bay Campsite		Bear Cove		Port McNeill Ramp		Quarterdeck Marina		Telegraph Cove	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
28 Jun 2024	Midweek	8						1			
29 Jun 2024	Weekend	11						1			
30 Jun 2024	Weekend			10							
01 Jul 2024	Weekend										20
02 Jul 2024	Midweek										
03 Jul 2024	Midweek										
04 Jul 2024	Midweek				2		9				
05 Jul 2024	Midweek				1					19	
06 Jul 2024	Weekend				5					11	
07 Jul 2024	Weekend		12					5			
08 Jul 2024	Midweek										6
09 Jul 2024	Midweek										
10 Jul 2024	Midweek							3			
11 Jul 2024	Midweek									9	
12 Jul 2024	Midweek	4		1							
13 Jul 2024	Weekend	5							4		
14 Jul 2024	Weekend			5							15
15 Jul 2024	Midweek		20								
16 Jul 2024	Midweek										
17 Jul 2024	Midweek								9		
18 Jul 2024	Midweek			15							33
19 Jul 2024	Midweek		24								
20 Jul 2024	Weekend			14							30
21 Jul 2024	Weekend				17	23					
22 Jul 2024	Midweek									25	
23 Jul 2024	Midweek										
24 Jul 2024	Midweek			10							
25 Jul 2024	Midweek		34						5		
26 Jul 2024	Midweek				14	21					
27 Jul 2024	Weekend						21		5		
28 Jul 2024	Weekend				10						40
29 Jul 2024	Midweek										14
30 Jul 2024	Midweek										
31 Jul 2024	Midweek							4			
01 Aug 2024	Midweek			13						33	
02 Aug 2024	Midweek					15		4			
03 Aug 2024	Weekend						27	5			

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-Jun-2024	Friday	calm/rippled	11	4	4		6			
29-Jun-2024	Saturday	choppy	14	5	2		9			
30-Jun-2024	Sunday	choppy	10		6		2			
01-Jul-2024	Monday (Canada Day)	frequent whitecaps	20				5			
02-Jul-2024	Tuesday		0							
03-Jul-2024	Wednesday		0					21	1003	31
04-Jul-2024	Thursday	choppy	11		5		2			
05-Jul-2024	Friday	calm/rippled	21		10					
06-Jul-2024	Saturday	choppy	22	5	25		4			
07-Jul-2024	Sunday	calm/rippled	21	3	15			46	1012	69
08-Jul-2024	Monday	choppy	12	7	13		2			
09-Jul-2024	Tuesday		10	11	5		1			
10-Jul-2024	Wednesday	choppy	4	2	8					
11-Jul-2024	Thursday	frequent whitecaps	15	3	17			21	1002	31
12-Jul-2024	Friday	choppy	8							
13-Jul-2024	Saturday	choppy	10	2	4		1	33	0946	50
14-Jul-2024	Sunday	choppy	22	5	12		4			
15-Jul-2024	Monday	calm/rippled	24	7	20		1			
16-Jul-2024	Tuesday		4	5	6		2			
17-Jul-2024	Wednesday	calm/rippled	10	5	14					
18-Jul-2024	Thursday	choppy	48	10	55		2	76	1131	110
19-Jul-2024	Friday	choppy	26	9	21		2			
20-Jul-2024	Saturday	choppy	46	26	64		9			
21-Jul-2024	Sunday	choppy	41	21	51		7			
22-Jul-2024	Monday	choppy	31	11	31		3			
23-Jul-2024	Tuesday		3	2	2					
24-Jul-2024	Wednesday	calm/rippled	14	3	25		1	86	1000	124
25-Jul-2024	Thursday	choppy	40	10	47		12			
26-Jul-2024	Friday	calm/rippled	36	21	38		9			
27-Jul-2024	Saturday	choppy	26	5	27		6			
28-Jul-2024	Sunday	calm/rippled	50	31	83		6			
29-Jul-2024	Monday	calm/rippled	18	6	31		6			
30-Jul-2024	Tuesday		4	3	7					
31-Jul-2024	Wednesday	calm/rippled	9	4	8					
01-Aug-2024	Thursday	calm/rippled	50	30	20		7			
02-Aug-2024	Friday	calm/rippled	25	12	2		2	68	0959	101
03-Aug-2024	Saturday	choppy	35	17	11		2			
	Totals	choppy	348	119	363		43	51*		74*
	Totals	choppy	258	98	281		42	40*		60*

* 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	74	22	1628	0.342	1.043		0.124	557	1698		202
Weekend	60	9	540	0.38	1.089		0.163	205	588		88

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	July	3845	1274	1484	3	181
2020	July	2728	960	1183	0	515
2021	July	3699	1478	2164		644
2022	July	2641	771	2646	0	299
2023	July	1267	1430	370	0	295
2024	July	2521	1205	2636	0	405
5-Yr Avg	July	2836	1183	1569	1	387

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	563	5%
iRec Anglers	8202	10%

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

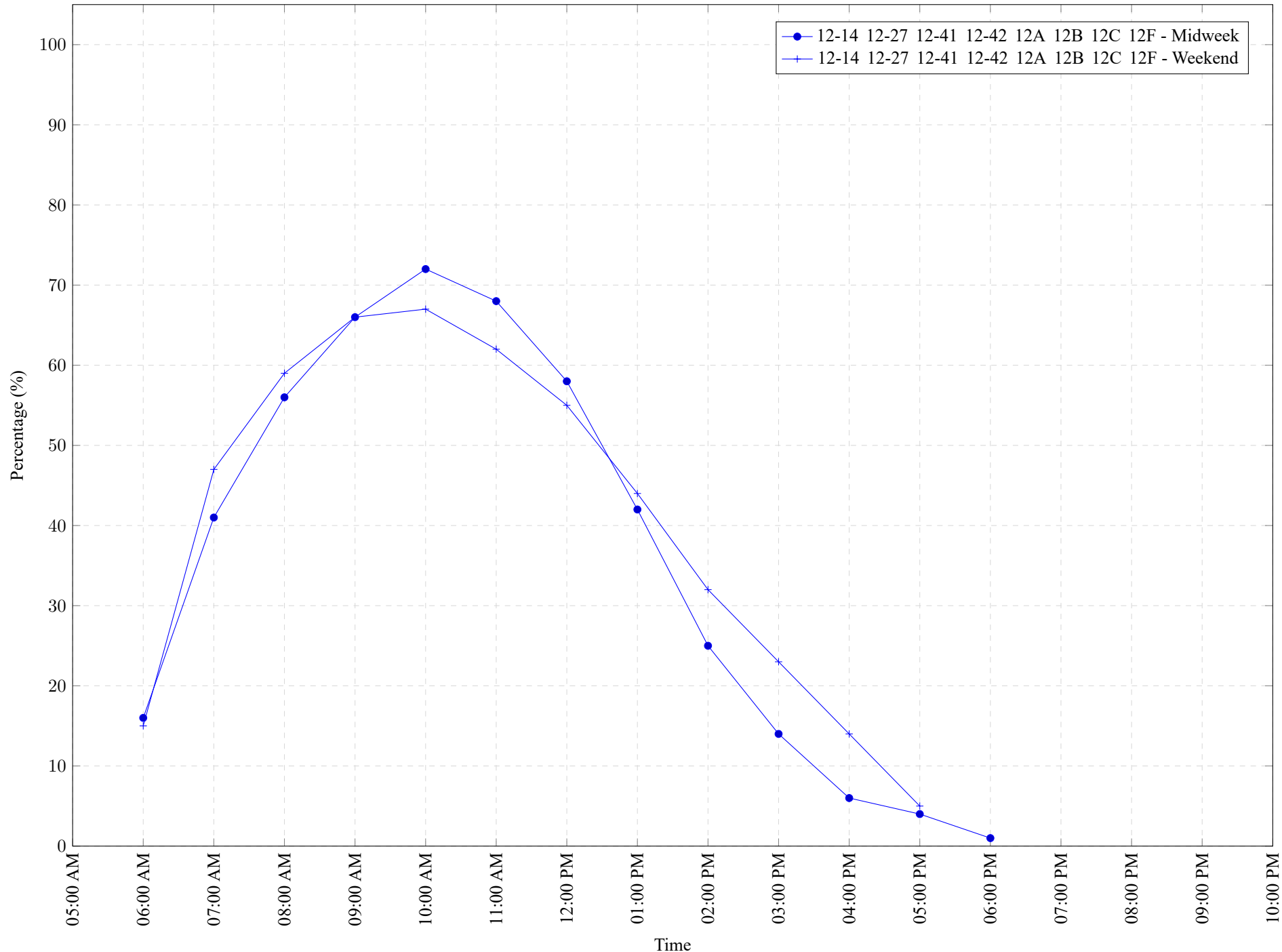


Table 7: Proportion of each day's fishing by hour.

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
12-14	12-27	12-41	12-42	12A	12B	12C	12F	Midweek	16%	41%	56%	66%	72%	68%	58%	42%	25%	14%	6%	4%	1%	0%	0%	0%	0%
12-14	12-27	12-41	12-42	12A	12B	12C	12F	Weekend	15%	47%	59%	66%	67%	62%	55%	44%	32%	23%	14%	5%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Alder Bay Campsite	Bear Cove	Port McNeill Ramp	Quarterdeck Marina	Telegraph Cove
28 Jun 2024	Midweek	calm/rippled			calm/rippled	
29 Jun 2024	Weekend	choppy			choppy	
30 Jun 2024	Weekend		choppy			
01 Jul 2024	Weekend					frequent whitecaps
02 Jul 2024	Midweek					
03 Jul 2024	Midweek					
04 Jul 2024	Midweek		choppy	choppy		
05 Jul 2024	Midweek		choppy			calm/rippled
06 Jul 2024	Weekend		choppy			choppy
07 Jul 2024	Weekend	choppy			calm/rippled	
08 Jul 2024	Midweek					choppy
09 Jul 2024	Midweek					
10 Jul 2024	Midweek				choppy	
11 Jul 2024	Midweek					frequent whitecaps
12 Jul 2024	Midweek	choppy	frequent whitecaps			
13 Jul 2024	Weekend	choppy			choppy	
14 Jul 2024	Weekend		choppy			choppy
15 Jul 2024	Midweek	calm/rippled				
16 Jul 2024	Midweek					
17 Jul 2024	Midweek				calm/rippled	
18 Jul 2024	Midweek		choppy			frequent whitecaps
19 Jul 2024	Midweek	choppy				
20 Jul 2024	Weekend		choppy			choppy
21 Jul 2024	Weekend		calm/rippled	choppy		
22 Jul 2024	Midweek					choppy
23 Jul 2024	Midweek					
24 Jul 2024	Midweek		calm/rippled			
25 Jul 2024	Midweek	choppy			choppy	
26 Jul 2024	Midweek		calm/rippled	choppy		
27 Jul 2024	Weekend			choppy	calm/rippled	
28 Jul 2024	Weekend		calm/rippled			calm/rippled
29 Jul 2024	Midweek					calm/rippled
30 Jul 2024	Midweek					
31 Jul 2024	Midweek				calm/rippled	
01 Aug 2024	Midweek		calm/rippled			calm/rippled
02 Aug 2024	Midweek			calm/rippled	calm/rippled	
03 Aug 2024	Weekend			choppy	calm/rippled	