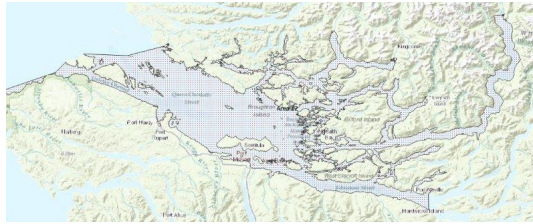


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 12 July 2023



Prepared By:

South Coast Salmon Stock Assessment Section

Sunday 21st January, 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 2023	Midweek				2						8
29 Jun 2023	Midweek			4						5	
30 Jun 2023	Midweek					6			1		
01 Jul 2023	Weekend							2			8
02 Jul 2023	Weekend			6		1					
03 Jul 2023	Weekend										
04 Jul 2023	Midweek										8
05 Jul 2023	Midweek							2			
06 Jul 2023	Midweek				3	3					
07 Jul 2023	Midweek								4	10	
08 Jul 2023	Weekend		6	7							
09 Jul 2023	Weekend							4			7
10 Jul 2023	Midweek									12	
11 Jul 2023	Midweek										
12 Jul 2023	Midweek								5		10
13 Jul 2023	Midweek			6		4					
14 Jul 2023	Midweek							6		11	
15 Jul 2023	Weekend		16						9		
16 Jul 2023	Weekend			22						12	
17 Jul 2023	Midweek					6		12			
18 Jul 2023	Midweek										
19 Jul 2023	Midweek										
20 Jul 2023	Midweek			14							
21 Jul 2023	Midweek								6	17	
22 Jul 2023	Weekend				19						11
23 Jul 2023	Weekend						12	11			
24 Jul 2023	Midweek	5									
25 Jul 2023	Midweek									14	
26 Jul 2023	Midweek			19							
27 Jul 2023	Midweek				19						
28 Jul 2023	Midweek							8			17
29 Jul 2023	Weekend								6	18	
30 Jul 2023	Weekend					16		9			
31 Jul 2023	Midweek	5									
01 Aug 2023	Midweek						12				
02 Aug 2023	Midweek							6			
03 Aug 2023	Midweek			15							

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-2023	Wednesday	choppy	10	4			4			
29-Jun-2023	Thursday	calm/rippled	9				2			
30-Jun-2023	Friday	calm/rippled	9	9	2		7			
01-Jul-2023	Saturday	calm/rippled	11				2			
02-Jul-2023	Sunday	choppy	9	8			1			
03-Jul-2023	Monday (Canada Day)		0					21	0950	30
04-Jul-2023	Tuesday	calm/rippled	8	2						
05-Jul-2023	Wednesday	frequent whitecaps	3							
06-Jul-2023	Thursday	choppy	6		1		1			
07-Jul-2023	Friday	calm/rippled	16	8	2		4			
08-Jul-2023	Saturday	calm/rippled	13		4		1	57	0958	80
09-Jul-2023	Sunday	calm/rippled	11				3			
10-Jul-2023	Monday	calm/rippled	13		3					
11-Jul-2023	Tuesday		1					10	1053	13
12-Jul-2023	Wednesday	choppy	15	1	2		1			
13-Jul-2023	Thursday	calm/rippled	10	1	1		1			
14-Jul-2023	Friday	calm/rippled	17	5	2		1			
15-Jul-2023	Saturday	calm/rippled	25	21						
16-Jul-2023	Sunday	calm/rippled	35	55	14		6	105	1144	174
17-Jul-2023	Monday	calm/rippled	20	20	1	1	5			
18-Jul-2023	Tuesday		0							
19-Jul-2023	Wednesday		0							
20-Jul-2023	Thursday	choppy	14	8	5					
21-Jul-2023	Friday	calm/rippled	23	27	7		2			
22-Jul-2023	Saturday	calm/rippled	30	22	21		4	112	1102	164
23-Jul-2023	Sunday	choppy	23	25	13		12			
24-Jul-2023	Monday	frequent whitecaps	5	13	5					
25-Jul-2023	Tuesday	frequent whitecaps	15	13	9		1	49	1112	65
26-Jul-2023	Wednesday	calm/rippled	19	9	13		1			
27-Jul-2023	Thursday	choppy	19	13	7		1			
28-Jul-2023	Friday	calm/rippled	26	24	19					
29-Jul-2023	Saturday	calm/rippled	26	29	13		1			
30-Jul-2023	Sunday	choppy	26	20	1		4	101	1003	141
31-Jul-2023	Monday	calm/rippled	5	2	2					
01-Aug-2023	Tuesday	calm/rippled	12	6						
02-Aug-2023	Wednesday	choppy	6	4						
03-Aug-2023	Thursday	calm/rippled	15	15	1		2			
	Totals	choppy	235	146	79	1	18	30*		39*
	Totals	calm/rippled	209	180	66		34	79*		118*

* 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	39	20	780	0.621	0.336	0.004	0.077	484	262	3	60
Weekend	118	11	1298	0.861	0.316		0.163	1118	410		212

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	July	5679	4205	2701	7	254
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
5-Yr Avg	July	3718	1738	2036	3	379

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
Coho	7	2%	71%	136	11%	4%	5
Chinook	116	8%	41%	326	10%	14%	47

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	443	5%
iRec Anglers	9392	9%

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

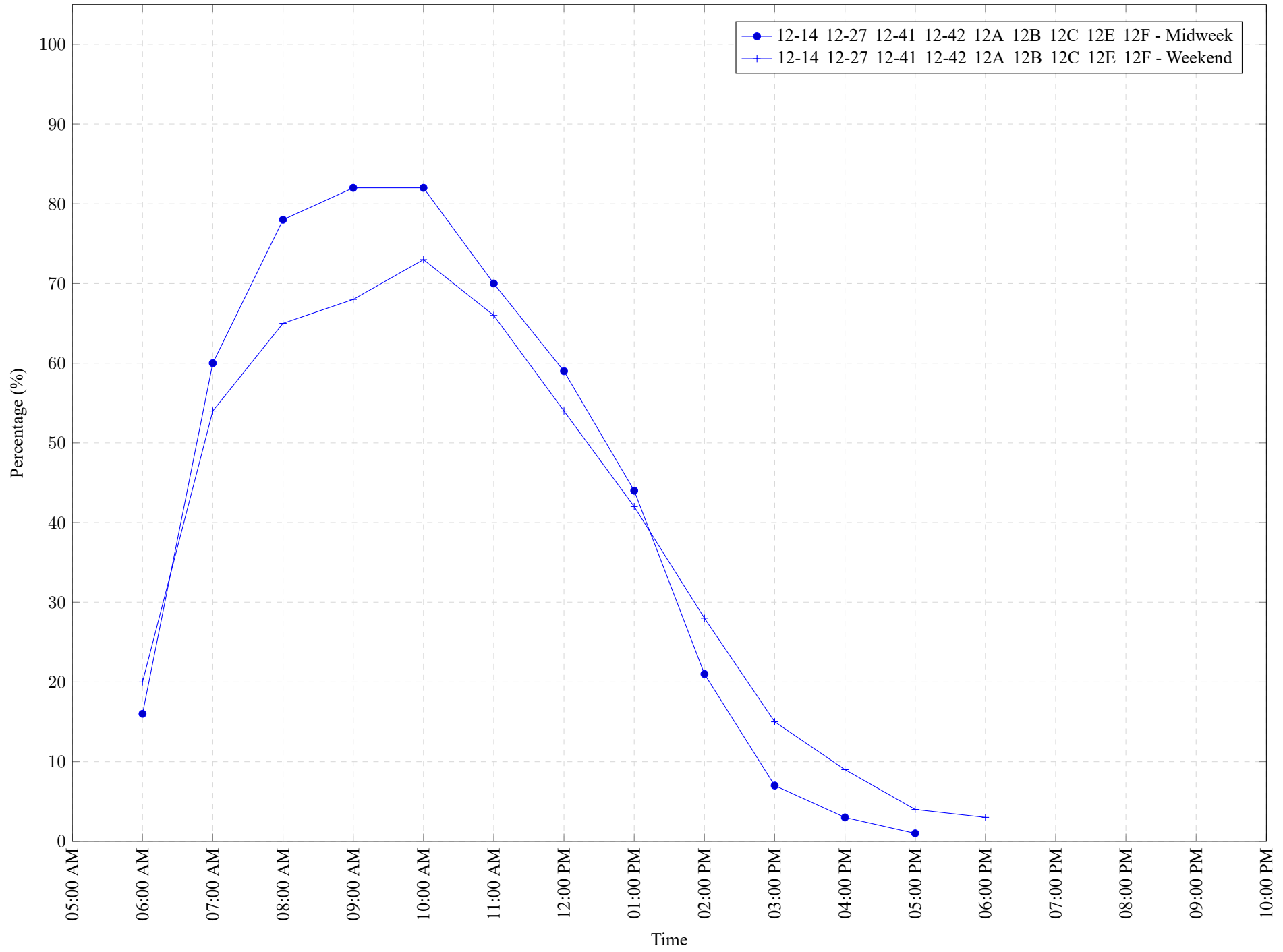


Table 7: Proportion of each day's fishing by hour.

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	12E	12F		Midweek	16%	60%	78%	82%	82%	70%	59%	44%	21%	7%	3%	1%	0%	0%	0%	0%	0%
12-14	12-27	12-41	12-42	12A	12B	12C	12E	12F		Weekend	20%	54%	65%	68%	73%	66%	54%	42%	28%	15%	9%	4%	3%	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 2023	Midweek		calm/rippled			choppy
29 Jun 2023	Midweek		calm/rippled			calm/rippled
30 Jun 2023	Midweek			calm/rippled	choppy	
01 Jul 2023	Weekend				choppy	calm/rippled
02 Jul 2023	Weekend		choppy	choppy		
03 Jul 2023	Weekend					
04 Jul 2023	Midweek					calm/rippled
05 Jul 2023	Midweek				frequent whitecaps	
06 Jul 2023	Midweek		choppy	calm/rippled		
07 Jul 2023	Midweek				choppy	calm/rippled
08 Jul 2023	Weekend	choppy	calm/rippled			
09 Jul 2023	Weekend				calm/rippled	calm/rippled
10 Jul 2023	Midweek					calm/rippled
11 Jul 2023	Midweek					
12 Jul 2023	Midweek				choppy	choppy
13 Jul 2023	Midweek		calm/rippled	choppy		
14 Jul 2023	Midweek				calm/rippled	calm/rippled
15 Jul 2023	Weekend	choppy			calm/rippled	
16 Jul 2023	Weekend		calm/rippled			calm/rippled
17 Jul 2023	Midweek			calm/rippled	choppy	
18 Jul 2023	Midweek					
19 Jul 2023	Midweek					
20 Jul 2023	Midweek		choppy			
21 Jul 2023	Midweek				calm/rippled	calm/rippled
22 Jul 2023	Weekend		calm/rippled			calm/rippled
23 Jul 2023	Weekend			choppy	calm/rippled	
24 Jul 2023	Midweek	frequent whitecaps				
25 Jul 2023	Midweek					frequent whitecaps
26 Jul 2023	Midweek		calm/rippled			
27 Jul 2023	Midweek		choppy			
28 Jul 2023	Midweek				calm/rippled	calm/rippled
29 Jul 2023	Weekend				calm/rippled	calm/rippled
30 Jul 2023	Weekend			choppy	calm/rippled	
31 Jul 2023	Midweek	calm/rippled				
01 Aug 2023	Midweek			calm/rippled		
02 Aug 2023	Midweek				choppy	
03 Aug 2023	Midweek		calm/rippled			