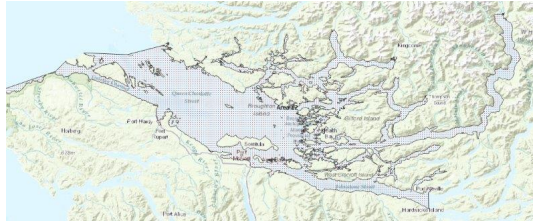


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 12 June 2023



Prepared By:

South Coast Salmon Stock Assessment Section

Sunday 21st January, 2024



Fisheries and Oceans
Canada

Pêches et Océans
Canada

**your
catch
counts**

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

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-May-2023	Monday	calm/rippled	5				1			
30-May-2023	Tuesday		0							
31-May-2023	Wednesday		0							
01-Jun-2023	Thursday		0							
02-Jun-2023	Friday		0							
03-Jun-2023	Saturday		0							
04-Jun-2023	Sunday		0					17	1012	22
05-Jun-2023	Monday		0							
06-Jun-2023	Tuesday		0					14	1002	20
07-Jun-2023	Wednesday	calm/rippled	3							
08-Jun-2023	Thursday	choppy	11	6						
09-Jun-2023	Friday	choppy	10	8			2			
10-Jun-2023	Saturday	frequent whitecaps	1					4	1003	5
11-Jun-2023	Sunday	choppy	6							
12-Jun-2023	Monday		0							
13-Jun-2023	Tuesday		0							
14-Jun-2023	Wednesday	frequent whitecaps	2							
15-Jun-2023	Thursday	choppy	5				3	14	0956	19
16-Jun-2023	Friday	calm/rippled	4	7						
17-Jun-2023	Saturday	choppy	15				2			
18-Jun-2023	Sunday	choppy	10					19	0952	25
19-Jun-2023	Monday		0							
20-Jun-2023	Tuesday		0							
21-Jun-2023	Wednesday	calm/rippled	2					12	1009	17
22-Jun-2023	Thursday	calm/rippled	13	2			1			
23-Jun-2023	Friday	calm/rippled	5	8			3			
24-Jun-2023	Saturday	choppy	15	6			5			
25-Jun-2023	Sunday	calm/rippled	6							
26-Jun-2023	Monday		0							
27-Jun-2023	Tuesday		0							
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	26
	Totals	choppy	83	44	2		22	13*		19*
	Totals	choppy	53	6			7	13*		17*

* 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	17	8	136	0.113			0.132	15			18
Midweek	19	22	418	0.53	0.024		0.265	222	10		111

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	June	2883	2181	86		274
2019	June	1382	2	44		171
2020	June	461	450	12		259
2021	June	514	2	54		135
2022	June	528	271			229
2023	June	538	256	8	0	118
5-Yr Avg	June	1154	581	49		214

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
Chinook	25	10%	32%	35	14%	23%	8

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	136	4%
iRec Anglers	1457	17%

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

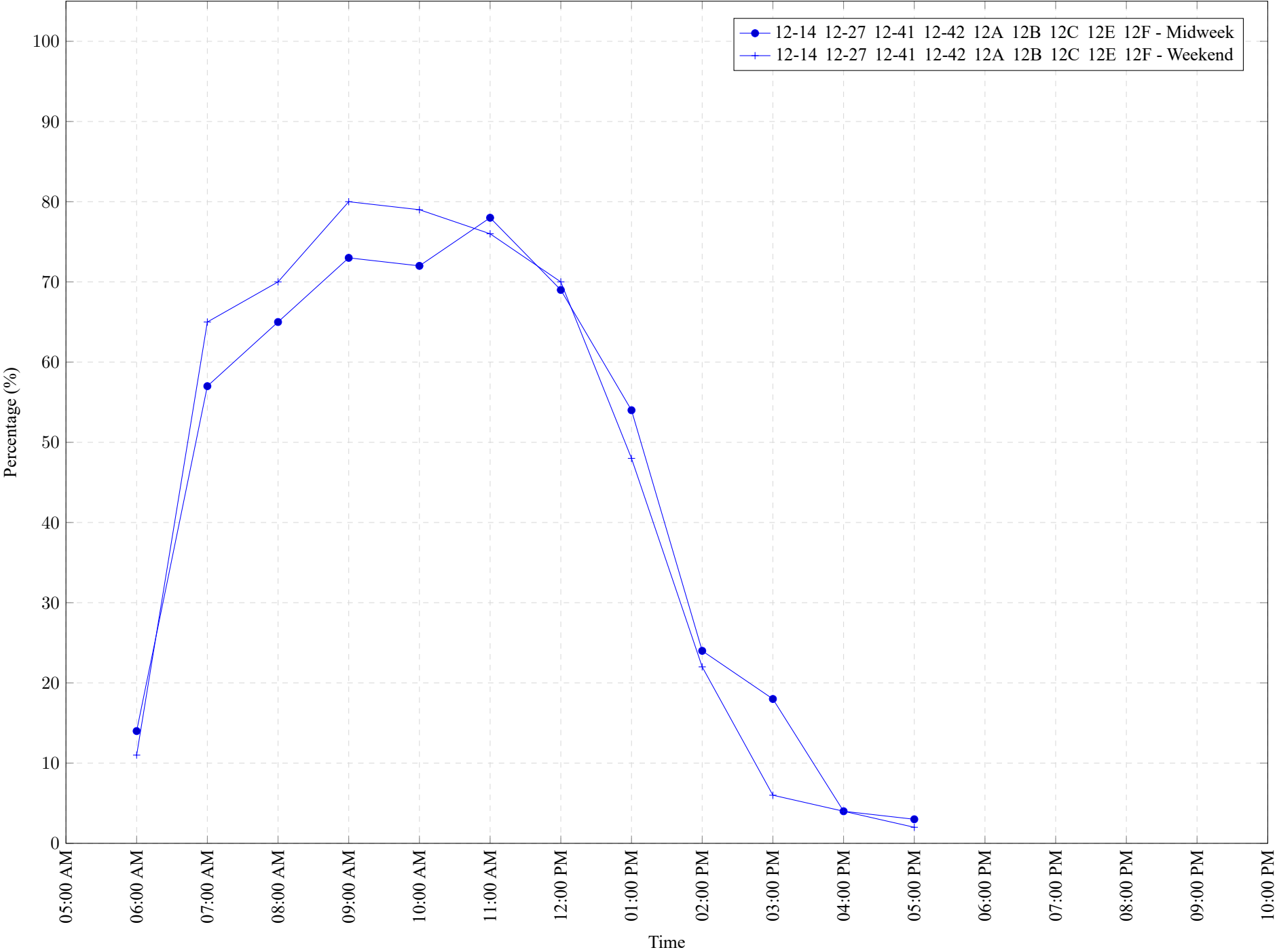


Table 7: Proportion of each day's fishing by hour.

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
12-14	12-27	12-41	12-42	12A	12B	12C	12E	12F		Midweek	14%	57%	65%	73%	72%	78%	69%	54%	24%	18%	4%	3%	0%	0%	0%	0%	0%
12-14	12-27	12-41	12-42	12A	12B	12C	12E	12F		Weekend	11%	65%	70%	80%	79%	76%	70%	48%	22%	6%	4%	2%	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
29 May 2023	Midweek					calm/rippled
30 May 2023	Midweek					
31 May 2023	Midweek					
01 Jun 2023	Midweek					
02 Jun 2023	Midweek					
03 Jun 2023	Weekend					
04 Jun 2023	Weekend					
05 Jun 2023	Midweek					
06 Jun 2023	Midweek					
07 Jun 2023	Midweek		choppy			calm/rippled
08 Jun 2023	Midweek		calm/rippled	choppy		
09 Jun 2023	Midweek				choppy	choppy
10 Jun 2023	Weekend		frequent whitecaps			
11 Jun 2023	Weekend					choppy
12 Jun 2023	Midweek					
13 Jun 2023	Midweek					
14 Jun 2023	Midweek		frequent whitecaps			frequent whitecaps
15 Jun 2023	Midweek	calm/rippled	choppy			
16 Jun 2023	Midweek				choppy	calm/rippled
17 Jun 2023	Weekend		choppy	choppy		
18 Jun 2023	Weekend				choppy	choppy
19 Jun 2023	Midweek					
20 Jun 2023	Midweek					
21 Jun 2023	Midweek	calm/rippled				
22 Jun 2023	Midweek				calm/rippled	calm/rippled
23 Jun 2023	Midweek		calm/rippled	calm/rippled		
24 Jun 2023	Weekend		choppy			choppy
25 Jun 2023	Weekend	choppy			calm/rippled	
26 Jun 2023	Midweek					
27 Jun 2023	Midweek					
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					