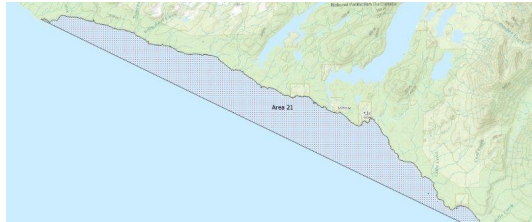


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 21 July 2023



Prepared By:
South Coast Salmon Stock Assessment Section

Friday 10th November, 2023



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	Pacific Gateway Marina		Port Renfrew Marina
		MD	PM	MD
28 Jun 2023	Midweek		1	
29 Jun 2023	Midweek			
30 Jun 2023	Midweek	3		
01 Jul 2023	Weekend			1
02 Jul 2023	Weekend	4		
03 Jul 2023	Weekend			1
04 Jul 2023	Midweek	9		
05 Jul 2023	Midweek			
06 Jul 2023	Midweek	9		
07 Jul 2023	Midweek			1
08 Jul 2023	Weekend	10		
09 Jul 2023	Weekend			2
10 Jul 2023	Midweek			
11 Jul 2023	Midweek			1
12 Jul 2023	Midweek	11		
13 Jul 2023	Midweek			
14 Jul 2023	Midweek	3		
15 Jul 2023	Weekend			1
16 Jul 2023	Weekend			
17 Jul 2023	Midweek			1
18 Jul 2023	Midweek			
19 Jul 2023	Midweek			
20 Jul 2023	Midweek			
21 Jul 2023	Midweek			
22 Jul 2023	Weekend			
23 Jul 2023	Weekend			
24 Jul 2023	Midweek			
25 Jul 2023	Midweek			
26 Jul 2023	Midweek			
27 Jul 2023	Midweek			
28 Jul 2023	Midweek			
29 Jul 2023	Weekend			
30 Jul 2023	Weekend			
31 Jul 2023	Midweek			
01 Aug 2023	Midweek			
02 Aug 2023	Midweek			
03 Aug 2023	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
28-Jun-2023	Wednesday	choppy	1	4						
29-Jun-2023	Thursday		0							
30-Jun-2023	Friday	calm/rippled	3	4				6	1306	11
01-Jul-2023	Saturday	calm/rippled	1	4				15	0855	21
02-Jul-2023	Sunday	calm/rippled	4	17						
03-Jul-2023	Monday (Canada Day)	calm/rippled	1				2			
04-Jul-2023	Tuesday	calm/rippled	9	22			1			
05-Jul-2023	Wednesday		0					8	0905	9
06-Jul-2023	Thursday	frequent whitecaps	9	16			3			
07-Jul-2023	Friday	calm/rippled	1							
08-Jul-2023	Saturday	calm/rippled	10	20	1			6	0859	8
09-Jul-2023	Sunday	calm/rippled	2	6	2					
10-Jul-2023	Monday		0					2	0855	2
11-Jul-2023	Tuesday	calm/rippled	1	8	3					
12-Jul-2023	Wednesday	calm/rippled	11	35	4					
13-Jul-2023	Thursday		0							
14-Jul-2023	Friday	calm/rippled	3	5						
15-Jul-2023	Saturday	calm/rippled	1		1					
16-Jul-2023	Sunday		0					0	1139	0
17-Jul-2023	Monday	calm/rippled	1							
18-Jul-2023	Tuesday		0							
19-Jul-2023	Wednesday		0					0	0901	0
20-Jul-2023	Thursday		0							
21-Jul-2023	Friday		0							
22-Jul-2023	Saturday		0							
23-Jul-2023	Sunday		0					0	0851	0
24-Jul-2023	Monday		0							
25-Jul-2023	Tuesday		0					0	0901	0
26-Jul-2023	Wednesday		0							
27-Jul-2023	Thursday		0							
28-Jul-2023	Friday		0							
29-Jul-2023	Saturday		0					0	0857	0
30-Jul-2023	Sunday		0							
31-Jul-2023	Monday		0					0	0855	0
01-Aug-2023	Tuesday		0							
02-Aug-2023	Wednesday		0					0	0849	0
03-Aug-2023	Thursday		0							
	Totals	calm/rippled	35	86	7		4	2*		2*
	Totals	calm/rippled	19	47	4		2	4*		6*

* 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	2	20	40	2.457	0.2		0.114	98	8		5
Weekend	6	11	66	2.474	0.211		0.105	163	14		7

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	July	158	625	21		
2019	July	124	311	25		10
2020	July	73	183	47		14
2021	July	193	595	46	1	20
2022	July	244	936	45		29
2023	July	105	270	19		12
5-Yr Avg	July	158	530	37	1	18

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	101	38%	7%	174	57%	4%	7

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	54	78%
iRec Anglers	533	84%

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

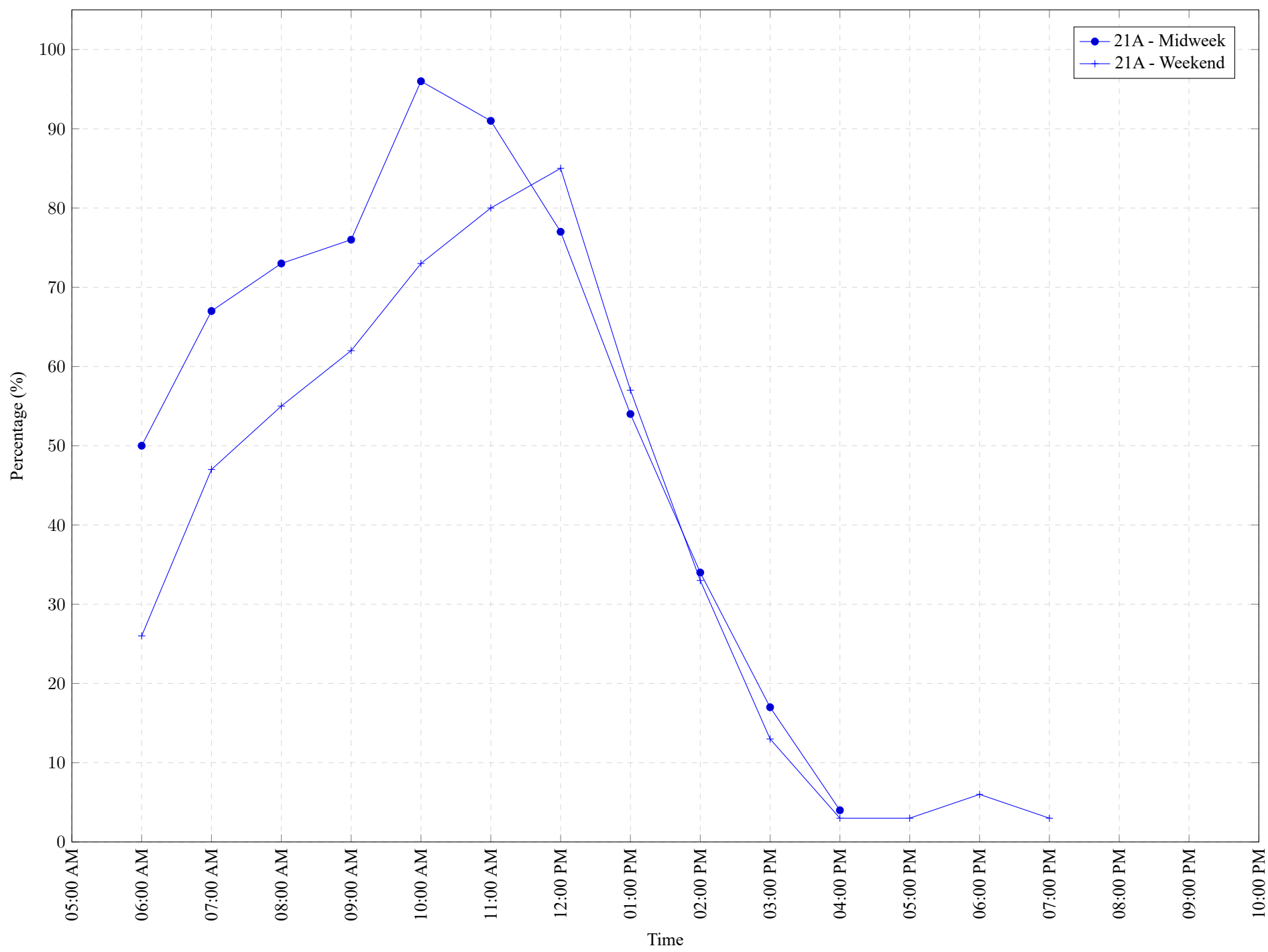


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	7:00	8:00	9:00	10:00	11:00	12:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00
		AM	AM	AM	AM	AM	AM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
21A	Midweek	50%	67%	73%	76%	96%	91%	77%	54%	34%	17%	4%	0%	0%	0%	0%	0%	0%
21A	Weekend	26%	47%	55%	62%	73%	80%	85%	57%	33%	13%	3%	3%	6%	3%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Pacific Gateway Marina	Port Renfrew Marina
28 Jun 2023	Midweek	choppy	
29 Jun 2023	Midweek		
30 Jun 2023	Midweek	calm/rippled	
01 Jul 2023	Weekend		calm/rippled
02 Jul 2023	Weekend	calm/rippled	
03 Jul 2023	Weekend		calm/rippled
04 Jul 2023	Midweek	calm/rippled	
05 Jul 2023	Midweek		
06 Jul 2023	Midweek	frequent whitecaps	
07 Jul 2023	Midweek		calm/rippled
08 Jul 2023	Weekend	calm/rippled	
09 Jul 2023	Weekend		calm/rippled
10 Jul 2023	Midweek		
11 Jul 2023	Midweek		calm/rippled
12 Jul 2023	Midweek	calm/rippled	
13 Jul 2023	Midweek		
14 Jul 2023	Midweek	calm/rippled	
15 Jul 2023	Weekend		calm/rippled
16 Jul 2023	Weekend		
17 Jul 2023	Midweek		calm/rippled
18 Jul 2023	Midweek		
19 Jul 2023	Midweek		
20 Jul 2023	Midweek		
21 Jul 2023	Midweek		
22 Jul 2023	Weekend		
23 Jul 2023	Weekend		
24 Jul 2023	Midweek		
25 Jul 2023	Midweek		
26 Jul 2023	Midweek		
27 Jul 2023	Midweek		
28 Jul 2023	Midweek		
29 Jul 2023	Weekend		
30 Jul 2023	Weekend		
31 Jul 2023	Midweek		
01 Aug 2023	Midweek		
02 Aug 2023	Midweek		
03 Aug 2023	Midweek		