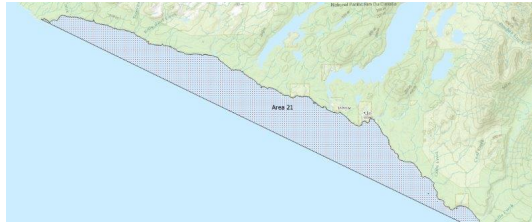


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 21 July 2020



Prepared By:
South Coast Salmon Stock Assessment Section

Friday 19th February, 2021



Fisheries and Oceans
Canada

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**your
catch
counts**

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	MD	PM
28 Jun 2020	Weekend	5	3	
29 Jun 2020	Midweek	7		
30 Jun 2020	Midweek		1	
01 Jul 2020	Weekend	5		
02 Jul 2020	Midweek			
03 Jul 2020	Midweek	8		
04 Jul 2020	Weekend	8		
05 Jul 2020	Weekend			
06 Jul 2020	Midweek		1	
07 Jul 2020	Midweek			
08 Jul 2020	Midweek			
09 Jul 2020	Midweek			1
10 Jul 2020	Midweek	7	3	
11 Jul 2020	Weekend			
12 Jul 2020	Weekend	8	1	
13 Jul 2020	Midweek			
14 Jul 2020	Midweek	8		
15 Jul 2020	Midweek		1	
16 Jul 2020	Midweek			
17 Jul 2020	Midweek			
18 Jul 2020	Weekend	7		
19 Jul 2020	Weekend		1	
20 Jul 2020	Midweek	4	1	
21 Jul 2020	Midweek			
22 Jul 2020	Midweek	3	4	
23 Jul 2020	Midweek		2	
24 Jul 2020	Midweek	8		
25 Jul 2020	Weekend			
26 Jul 2020	Weekend	9		
27 Jul 2020	Midweek			
28 Jul 2020	Midweek	7	1	
29 Jul 2020	Midweek		2	
30 Jul 2020	Midweek			1
31 Jul 2020	Midweek			
01 Aug 2020	Weekend	2		
02 Aug 2020	Weekend			
03 Aug 2020	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
28-Jun-2020	Sunday	choppy	8	11						
29-Jun-2020	Monday	calm/rippled	7	16	5					
30-Jun-2020	Tuesday	choppy	1		3		4	0	0931	0
01-Jul-2020	Wednesday (Canada Day)	calm/rippled	5	9			5			
02-Jul-2020	Thursday		0							
03-Jul-2020	Friday	calm/rippled	8	20	4					
04-Jul-2020	Saturday	calm/rippled	8	13	9			8	0849	11
05-Jul-2020	Sunday		0							
06-Jul-2020	Monday	calm/rippled	1							
07-Jul-2020	Tuesday		0					0	0852	0
08-Jul-2020	Wednesday		0							
09-Jul-2020	Thursday	calm/rippled	1							
10-Jul-2020	Friday	calm/rippled	10	17	6		1			
11-Jul-2020	Saturday		0					11	0848	16
12-Jul-2020	Sunday	choppy	9	19	5					
13-Jul-2020	Monday		0							
14-Jul-2020	Tuesday	choppy	8	15	4					
15-Jul-2020	Wednesday	calm/rippled	1				1			
16-Jul-2020	Thursday		0							
17-Jul-2020	Friday		0					1	0846	1
18-Jul-2020	Saturday	calm/rippled	7	7	9		3			
19-Jul-2020	Sunday	choppy	1	1						
20-Jul-2020	Monday	choppy	5	13				1	0856	1
21-Jul-2020	Tuesday		0							
22-Jul-2020	Wednesday	calm/rippled	7	16	4					
23-Jul-2020	Thursday	calm/rippled	2	5						
24-Jul-2020	Friday	choppy	8	22	8		2			
25-Jul-2020	Saturday		0					12	0925	16
26-Jul-2020	Sunday	calm/rippled	9	27	12			11	0848	15
27-Jul-2020	Monday		0							
28-Jul-2020	Tuesday	calm/rippled	8	24						
29-Jul-2020	Wednesday	calm/rippled	2	1						
30-Jul-2020	Thursday	calm/rippled	1	1						
31-Jul-2020	Friday		0							
01-Aug-2020	Saturday	choppy	2	2	6					
02-Aug-2020	Sunday		0					1	0957	1
03-Aug-2020	Monday (B.C. Day)		0							
	Totals	calm/rippled	62	134	26		4	1*		1*
	Totals	calm/rippled	39	76	35		8	11*		15*

* 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	15	9	135	1.9490	0.8970		0.2050	263	121		28
Midweek	1	22	22	2.1610	0.4190		0.0650	48	9		1

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2015	July	171	133	29		116
2016	July	70	94			
2017	July	112	251	15		
2018	July	166	645	21		
2019	July	134	341	37		10
2020	July	144	321	113		27
5-Yr Avg	July	131	293	26		63

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	79	70%	4%	49	100%	6%	3
Chinook	176	55%	2%	110	29%	4%	4

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	126	74%
iRec Anglers	463	71%

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

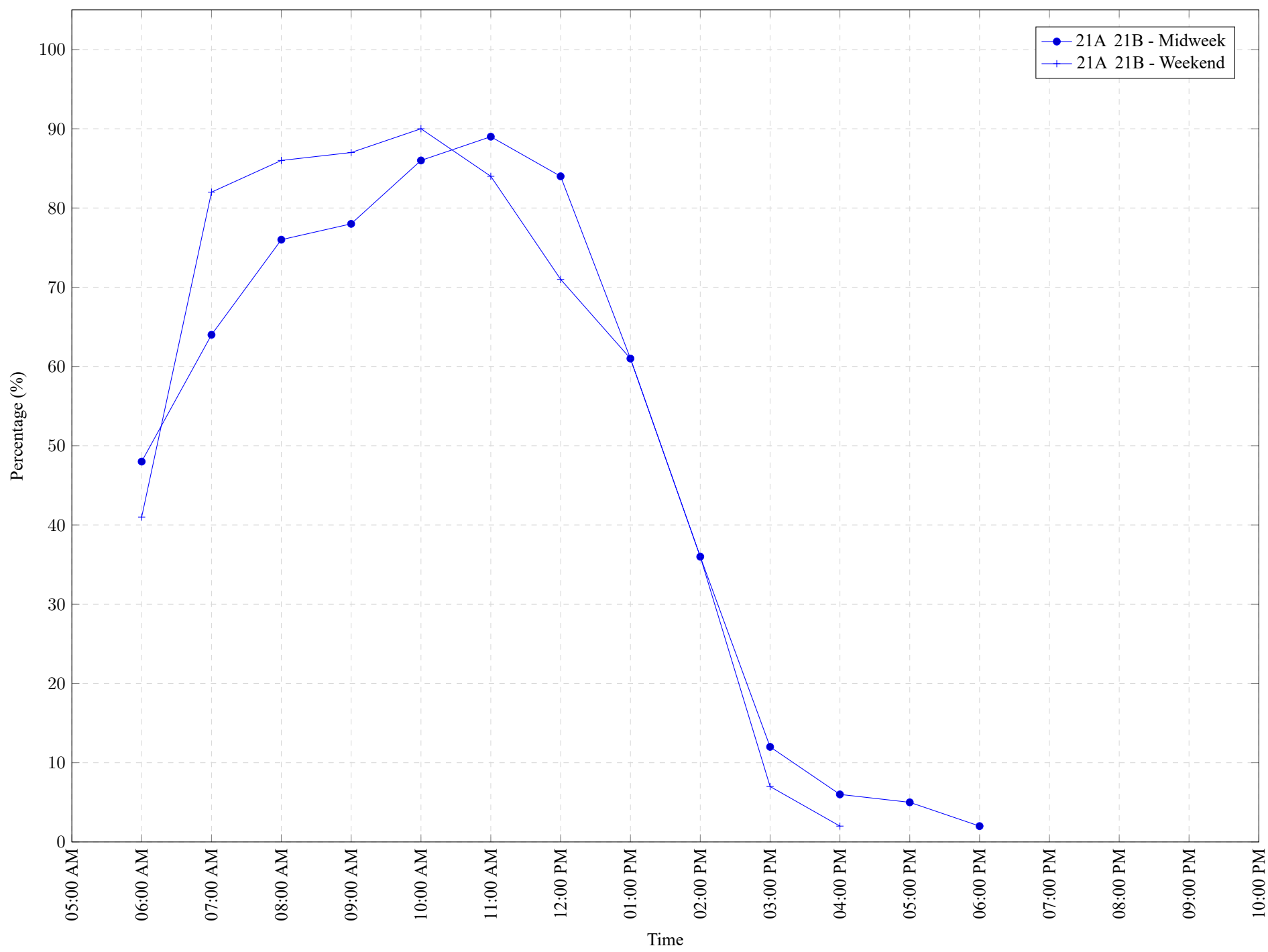


Table 7: Proportion of each day's fishing by hour.

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
21A	21B	Midweek	48%	64%	76%	78%	86%	89%	84%	61%	36%	12%	6%	5%	2%	0%	0%	0%	0%
21A	21B	Weekend	41%	82%	86%	87%	90%	84%	71%	61%	36%	7%	2%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Pacific Gateway Marina	Port Renfrew Marina
28 Jun 2020	Weekend	calm/rippled	frequent whitecaps
29 Jun 2020	Midweek	calm/rippled	
30 Jun 2020	Midweek		choppy
01 Jul 2020	Weekend	calm/rippled	
02 Jul 2020	Midweek		
03 Jul 2020	Midweek	calm/rippled	
04 Jul 2020	Weekend	calm/rippled	
05 Jul 2020	Weekend		
06 Jul 2020	Midweek		calm/rippled
07 Jul 2020	Midweek		
08 Jul 2020	Midweek		
09 Jul 2020	Midweek		calm/rippled
10 Jul 2020	Midweek	calm/rippled	calm/rippled
11 Jul 2020	Weekend		
12 Jul 2020	Weekend	choppy	choppy
13 Jul 2020	Midweek		
14 Jul 2020	Midweek	choppy	
15 Jul 2020	Midweek		calm/rippled
16 Jul 2020	Midweek		
17 Jul 2020	Midweek		
18 Jul 2020	Weekend	calm/rippled	
19 Jul 2020	Weekend		choppy
20 Jul 2020	Midweek	choppy	choppy
21 Jul 2020	Midweek		
22 Jul 2020	Midweek	calm/rippled	calm/rippled
23 Jul 2020	Midweek		calm/rippled
24 Jul 2020	Midweek	choppy	
25 Jul 2020	Weekend		
26 Jul 2020	Weekend	calm/rippled	
27 Jul 2020	Midweek		
28 Jul 2020	Midweek	calm/rippled	choppy
29 Jul 2020	Midweek		calm/rippled
30 Jul 2020	Midweek		calm/rippled
31 Jul 2020	Midweek		
01 Aug 2020	Weekend	choppy	
02 Aug 2020	Weekend		
03 Aug 2020	Weekend		