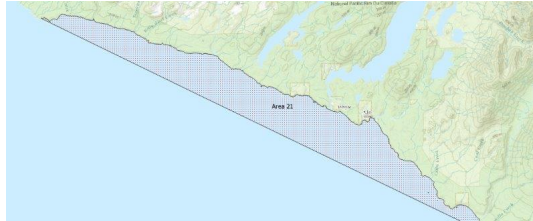


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 21 June 2021



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 16th September, 2021



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	Pacific Gateway Marina		Port Renfrew Marina
		MD	PM	MD
29 May 2021	Weekend			
30 May 2021	Weekend			
31 May 2021	Midweek			
01 Jun 2021	Midweek			
02 Jun 2021	Midweek			
03 Jun 2021	Midweek			
04 Jun 2021	Midweek	2		
05 Jun 2021	Weekend			
06 Jun 2021	Weekend			
07 Jun 2021	Midweek			
08 Jun 2021	Midweek			
09 Jun 2021	Midweek			
10 Jun 2021	Midweek		2	
11 Jun 2021	Midweek	3		
12 Jun 2021	Weekend	6		
13 Jun 2021	Weekend			
14 Jun 2021	Midweek	3		
15 Jun 2021	Midweek	6		
16 Jun 2021	Midweek			
17 Jun 2021	Midweek			2
18 Jun 2021	Midweek	2		
19 Jun 2021	Weekend	10		
20 Jun 2021	Weekend			
21 Jun 2021	Midweek	6		
22 Jun 2021	Midweek	5		
23 Jun 2021	Midweek	3		
24 Jun 2021	Midweek	8		
25 Jun 2021	Midweek	7		
26 Jun 2021	Weekend	6		
27 Jun 2021	Weekend	11		
28 Jun 2021	Midweek	3		
29 Jun 2021	Midweek	8		
30 Jun 2021	Midweek	8		
01 Jul 2021	Weekend	8		
02 Jul 2021	Midweek	8		
03 Jul 2021	Weekend		8	

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-2021	Saturday		0							
30-May-2021	Sunday		0							
31-May-2021	Monday		0							
01-Jun-2021	Tuesday		0							
02-Jun-2021	Wednesday		0							
03-Jun-2021	Thursday		0							
04-Jun-2021	Friday	calm/rippled	2	1				2	0858	
05-Jun-2021	Saturday		0					0	0853	
06-Jun-2021	Sunday		0							
07-Jun-2021	Monday		0							
08-Jun-2021	Tuesday		0					1	0848	
09-Jun-2021	Wednesday		0							
10-Jun-2021	Thursday	calm/rippled	2	3						
11-Jun-2021	Friday	calm/rippled	3	4						
12-Jun-2021	Saturday	calm/rippled	6	1			3	3	0850	
13-Jun-2021	Sunday		0							
14-Jun-2021	Monday	calm/rippled	3	8						
15-Jun-2021	Tuesday	calm/rippled	6	17						
16-Jun-2021	Wednesday		0							
17-Jun-2021	Thursday	choppy	2	3		1		1	0852	
18-Jun-2021	Friday	choppy	2	7						
19-Jun-2021	Saturday	choppy	10	29				14	0851	
20-Jun-2021	Sunday		0							
21-Jun-2021	Monday	choppy	6	7				2	0856	
22-Jun-2021	Tuesday	calm/rippled	5	11						
23-Jun-2021	Wednesday	choppy	3	6	1					
24-Jun-2021	Thursday	calm/rippled	8	10		3				
25-Jun-2021	Friday	calm/rippled	7	11						
26-Jun-2021	Saturday	calm/rippled	6	11	1			5	0855	
27-Jun-2021	Sunday	calm/rippled	11	24						
28-Jun-2021	Monday	choppy	3	8						
29-Jun-2021	Tuesday	calm/rippled	8	32	3					
30-Jun-2021	Wednesday	calm/rippled	8	40				7	0928	
01-Jul-2021	Thursday (Canada Day)	calm/rippled	8	45	3	1				
02-Jul-2021	Friday	calm/rippled	8	49						
03-Jul-2021	Saturday	calm/rippled	8	31						
	Totals	calm/rippled	68	168	4	4		3*		*
	Totals	calm/rippled	33	65	1		3	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
Weekend		8		1.97	0.03		0.091				
Midweek		22		2.471	0.059	0.059					

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	June	84	77	16		33
2017	June	93	180			5
2018	June	107	398			10
2019	June	112	168	22		16
2020	June	193	192	9		28
2021	June	229	491	23	0	1
5-Yr Avg	June	118	203	16		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	0	0%		148	62%	2%	3

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	493	43%

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

Table 8: Daily Fishing Conditions.

Date	Day Type	Pacific Gateway Marina	Port Renfrew Marina
29 May 2021	Weekend		
30 May 2021	Weekend		
31 May 2021	Midweek		
01 Jun 2021	Midweek		
02 Jun 2021	Midweek		
03 Jun 2021	Midweek		
04 Jun 2021	Midweek	calm/rippled	
05 Jun 2021	Weekend		
06 Jun 2021	Weekend		
07 Jun 2021	Midweek		
08 Jun 2021	Midweek		
09 Jun 2021	Midweek		
10 Jun 2021	Midweek	calm/rippled	
11 Jun 2021	Midweek	calm/rippled	
12 Jun 2021	Weekend	calm/rippled	
13 Jun 2021	Weekend		
14 Jun 2021	Midweek	calm/rippled	
15 Jun 2021	Midweek	calm/rippled	
16 Jun 2021	Midweek		
17 Jun 2021	Midweek		choppy
18 Jun 2021	Midweek	choppy	
19 Jun 2021	Weekend	choppy	
20 Jun 2021	Weekend		
21 Jun 2021	Midweek	choppy	
22 Jun 2021	Midweek	calm/rippled	
23 Jun 2021	Midweek	choppy	
24 Jun 2021	Midweek	calm/rippled	
25 Jun 2021	Midweek	calm/rippled	
26 Jun 2021	Weekend	calm/rippled	
27 Jun 2021	Weekend	calm/rippled	
28 Jun 2021	Midweek	choppy	
29 Jun 2021	Midweek	calm/rippled	
30 Jun 2021	Midweek	calm/rippled	
01 Jul 2021	Weekend	calm/rippled	
02 Jul 2021	Midweek	calm/rippled	
03 Jul 2021	Weekend	calm/rippled	