

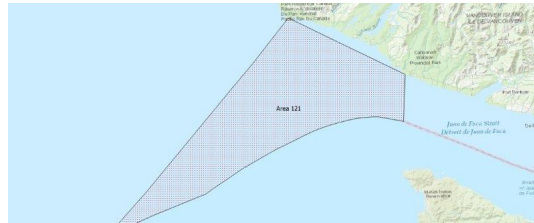
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 121 June 2019



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*Prepared By:*

South Coast Salmon Stock Assessment Section

Thursday 27<sup>th</sup> August, 2020



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	PM
29 May 2019	Midweek				
30 May 2019	Midweek				
31 May 2019	Midweek				
01 Jun 2019	Weekend			2	
02 Jun 2019	Weekend	5			
03 Jun 2019	Midweek				
04 Jun 2019	Midweek				
05 Jun 2019	Midweek				
06 Jun 2019	Midweek				
07 Jun 2019	Midweek			1	
08 Jun 2019	Weekend	9			
09 Jun 2019	Weekend				2
10 Jun 2019	Midweek	7			
11 Jun 2019	Midweek				
12 Jun 2019	Midweek				
13 Jun 2019	Midweek				
14 Jun 2019	Midweek			2	
15 Jun 2019	Weekend	5			
16 Jun 2019	Weekend			1	
17 Jun 2019	Midweek	6			
18 Jun 2019	Midweek				
19 Jun 2019	Midweek				
20 Jun 2019	Midweek				
21 Jun 2019	Midweek				
22 Jun 2019	Weekend				
23 Jun 2019	Weekend				
24 Jun 2019	Midweek		5		
25 Jun 2019	Midweek				
26 Jun 2019	Midweek	8			
27 Jun 2019	Midweek				
28 Jun 2019	Midweek	9			
29 Jun 2019	Weekend			3	
30 Jun 2019	Weekend	7			
01 Jul 2019	Weekend				
02 Jul 2019	Midweek				
03 Jul 2019	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
29-May-2019	Wednesday		0							
30-May-2019	Thursday		0							
31-May-2019	Friday		0							
01-Jun-2019	Saturday	choppy	2				4			
02-Jun-2019	Sunday	frequent whitecaps	5				15	0	0919	0
03-Jun-2019	Monday		0							
04-Jun-2019	Tuesday		0					0	0814	0
05-Jun-2019	Wednesday		0							
06-Jun-2019	Thursday		0							
07-Jun-2019	Friday	calm/rippled	3				1			
08-Jun-2019	Saturday	calm/rippled	10				27	6	0821	8
09-Jun-2019	Sunday	calm/rippled	3		2		7			
10-Jun-2019	Monday	choppy	7		8		23			
11-Jun-2019	Tuesday		0							
12-Jun-2019	Wednesday		0					1	0812	1
13-Jun-2019	Thursday		0							
14-Jun-2019	Friday	calm/rippled	2				5			
15-Jun-2019	Saturday	calm/rippled	5		2		9	0	0812	0
16-Jun-2019	Sunday	choppy	1				3			
17-Jun-2019	Monday	frequent whitecaps	6				17			
18-Jun-2019	Tuesday		0					9	0817	11
19-Jun-2019	Wednesday		0							
20-Jun-2019	Thursday		0							
21-Jun-2019	Friday		0							
22-Jun-2019	Saturday		1				3	16	0949	20
23-Jun-2019	Sunday		1				3			
24-Jun-2019	Monday	choppy	7				13	19	0820	22
25-Jun-2019	Tuesday		2				2			
26-Jun-2019	Wednesday	calm/rippled	9		8		24			
27-Jun-2019	Thursday		1				2			
28-Jun-2019	Friday	choppy	9		9		35			
29-Jun-2019	Saturday	calm/rippled	3		9		6			
30-Jun-2019	Sunday	choppy	8		12		31			
01-Jul-2019	Monday (Canada Day)		0							
02-Jul-2019	Tuesday		0							
03-Jul-2019	Wednesday		0					37	0816	43
	Totals	choppy	46		25		122	7*		9*
	Totals	choppy	39		25		108	6*		7*

\* 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	9	20	180		0.5430		2.6520		98		477
Weekend	7	10	70		0.6410		2.7690		45		194

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	June	472	1529	164		1294
2015	June	254	980	136	5	569
2016	June	516	1769	531		1404
2017	June	281	1212	335		381
2018	June	574	2086	109		1181
2019	June	234	0	150		651
5-Yr Avg	June	419	1515	255	5	966

**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	150	100%	7%	96	100%	11%	11

**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	85	76%
iRec Anglers	700	65%
iRec Responses	28	18%

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

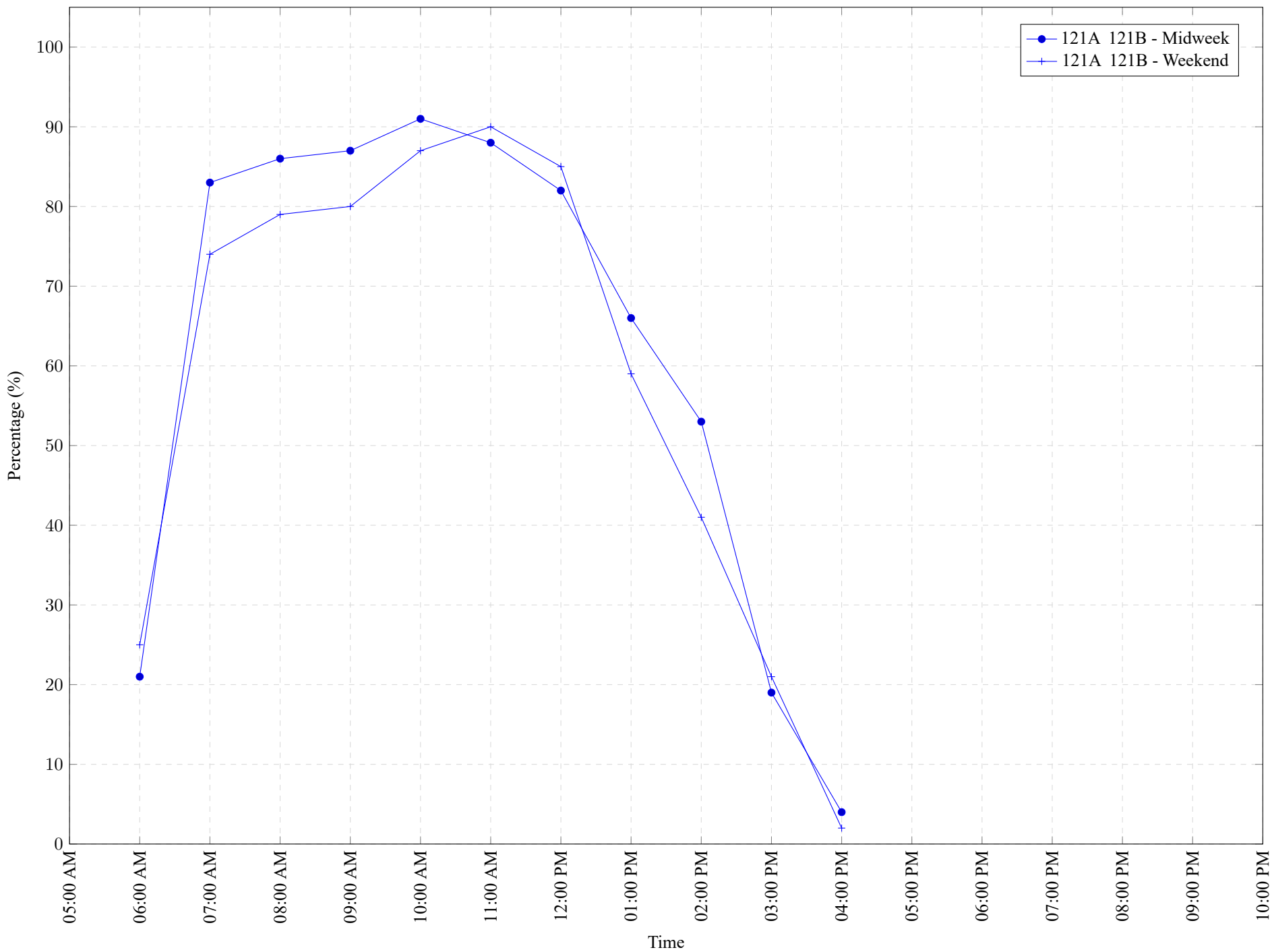


Table 7: Proportion of each day's fishing by hour.

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
121A	121B	Midweek	21%	83%	86%	87%	91%	88%	82%	66%	53%	19%	4%	0%	0%	0%	0%	0%	0%
121A	121B	Weekend	25%	74%	79%	80%	87%	90%	85%	59%	41%	21%	2%	0%	0%	0%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

Date	Day Type	Pacific Gateway Marina	Port Renfrew Marina
29 May 2019	Midweek		
30 May 2019	Midweek		
31 May 2019	Midweek		
01 Jun 2019	Weekend		choppy
02 Jun 2019	Weekend	frequent whitecaps	
03 Jun 2019	Midweek		
04 Jun 2019	Midweek		
05 Jun 2019	Midweek		
06 Jun 2019	Midweek		
07 Jun 2019	Midweek		calm/rippled
08 Jun 2019	Weekend	calm/rippled	
09 Jun 2019	Weekend		calm/rippled
10 Jun 2019	Midweek	choppy	
11 Jun 2019	Midweek		
12 Jun 2019	Midweek		
13 Jun 2019	Midweek		
14 Jun 2019	Midweek		calm/rippled
15 Jun 2019	Weekend	calm/rippled	
16 Jun 2019	Weekend		choppy
17 Jun 2019	Midweek	frequent whitecaps	
18 Jun 2019	Midweek		
19 Jun 2019	Midweek		
20 Jun 2019	Midweek		
21 Jun 2019	Midweek		
22 Jun 2019	Weekend		
23 Jun 2019	Weekend		
24 Jun 2019	Midweek	choppy	
25 Jun 2019	Midweek		
26 Jun 2019	Midweek	calm/rippled	
27 Jun 2019	Midweek		
28 Jun 2019	Midweek	choppy	
29 Jun 2019	Weekend		calm/rippled
30 Jun 2019	Weekend	choppy	
01 Jul 2019	Weekend		
02 Jul 2019	Midweek		
03 Jul 2019	Midweek		