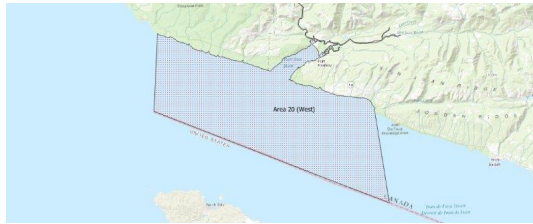


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 20 (West) June 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Saturday 7th December, 2024



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			Schooner
		AM	MD	AM	MD	PM	AM
29 May 2024	Midweek						
30 May 2024	Midweek						
31 May 2024	Midweek						
01 Jun 2024	Weekend						
02 Jun 2024	Weekend						
03 Jun 2024	Midweek		2				
04 Jun 2024	Midweek						
05 Jun 2024	Midweek						
06 Jun 2024	Midweek		4				
07 Jun 2024	Midweek						
08 Jun 2024	Weekend		1				
09 Jun 2024	Weekend		5				
10 Jun 2024	Midweek		5				
11 Jun 2024	Midweek						
12 Jun 2024	Midweek				1		
13 Jun 2024	Midweek		4				
14 Jun 2024	Midweek						
15 Jun 2024	Weekend						
16 Jun 2024	Weekend		5				
17 Jun 2024	Midweek		7		7		
18 Jun 2024	Midweek		3				
19 Jun 2024	Midweek			3			
20 Jun 2024	Midweek		8				
21 Jun 2024	Midweek						
22 Jun 2024	Weekend		2				
23 Jun 2024	Weekend				8		
24 Jun 2024	Midweek		8				
25 Jun 2024	Midweek				4		
26 Jun 2024	Midweek		5				
27 Jun 2024	Midweek				1		
28 Jun 2024	Midweek		6			5	
29 Jun 2024	Weekend				15		1
30 Jun 2024	Weekend		6				
01 Jul 2024	Weekend		3				
02 Jul 2024	Midweek		2		4		
03 Jul 2024	Midweek	1			2		

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-2024	Wednesday		0							
30-May-2024	Thursday		0							
31-May-2024	Friday		0							
01-Jun-2024	Saturday		0					17	0852	20
02-Jun-2024	Sunday		0							
03-Jun-2024	Monday	large swells	2							
04-Jun-2024	Tuesday		0							
05-Jun-2024	Wednesday		0					0	0850	0
06-Jun-2024	Thursday	choppy	4							
07-Jun-2024	Friday		0							
08-Jun-2024	Saturday	choppy	1					15	0903	18
09-Jun-2024	Sunday	choppy	5				3			
10-Jun-2024	Monday	choppy	5							
11-Jun-2024	Tuesday		0							
12-Jun-2024	Wednesday	frequent whitecaps	1					7	0901	8
13-Jun-2024	Thursday	frequent whitecaps	4							
14-Jun-2024	Friday		0							
15-Jun-2024	Saturday		0					9	0845	11
16-Jun-2024	Sunday	calm/rippled	5							
17-Jun-2024	Monday	choppy	14							
18-Jun-2024	Tuesday	choppy	3							
19-Jun-2024	Wednesday	calm/rippled	3							
20-Jun-2024	Thursday	choppy	8					2	0850	2
21-Jun-2024	Friday		0							
22-Jun-2024	Saturday	calm/rippled	2							
23-Jun-2024	Sunday	choppy	8							
24-Jun-2024	Monday	choppy	8					3	0851	4
25-Jun-2024	Tuesday	calm/rippled	4							
26-Jun-2024	Wednesday	calm/rippled	5							
27-Jun-2024	Thursday	No Data	1							
28-Jun-2024	Friday	calm/rippled	11		1					
29-Jun-2024	Saturday	calm/rippled	16			8				
30-Jun-2024	Sunday	calm/rippled	6							
01-Jul-2024	Monday (Canada Day)	choppy	3					0	0840	0
02-Jul-2024	Tuesday	frequent whitecaps	6							
03-Jul-2024	Wednesday	calm/rippled	3					11	1018	14
	Totals	choppy	73		1			3*		4*
	Totals	calm/rippled	43			8	3	14*		16*

* 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	4	20	80		0.014				1		
Weekend	16	10	160			0.186	0.07			30	11

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	June	237	0	19		46
2020	June	124	17	45		25
2021	June	194	0	27		20
2022	June	269	0	0		79
2023	June	246	0			26
2024	June	225	0	0		30
5-Yr Avg	June	214	3	23		39

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	537	78%	26%	683	99%	20%	140
Chinook	347	82%	19%	154	79%	43%	66

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	325	28%
iRec Anglers	286	37%
iRec Anglers	2265	29%

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

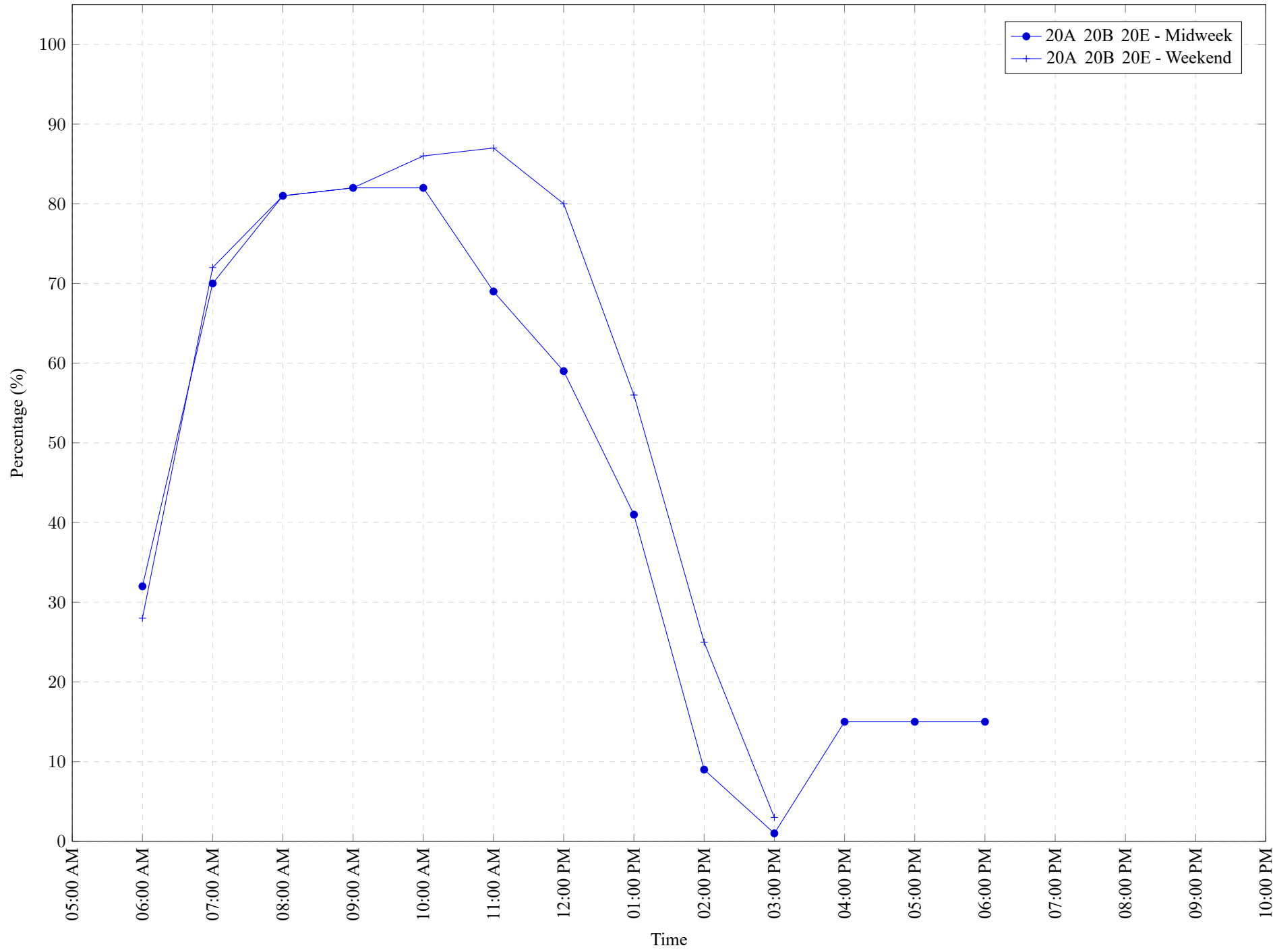


Table 7: Proportion of each day's fishing by hour.

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
20A	20B	20E	Midweek	32%	70%	81%	82%	82%	69%	59%	41%	9%	1%	15%	15%	15%	0%	0%	0%	0%
20A	20B	20E	Weekend	28%	72%	81%	82%	86%	87%	80%	56%	25%	3%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Pacific Gateway Marina	Port Renfrew Marina	Schooner
29 May 2024	Midweek			
30 May 2024	Midweek			
31 May 2024	Midweek			
01 Jun 2024	Weekend			
02 Jun 2024	Weekend			
03 Jun 2024	Midweek	large swells		
04 Jun 2024	Midweek			
05 Jun 2024	Midweek			
06 Jun 2024	Midweek	choppy		
07 Jun 2024	Midweek			
08 Jun 2024	Weekend	choppy		
09 Jun 2024	Weekend	choppy		
10 Jun 2024	Midweek	choppy		
11 Jun 2024	Midweek			
12 Jun 2024	Midweek		frequent whitecaps	
13 Jun 2024	Midweek	frequent whitecaps		
14 Jun 2024	Midweek			
15 Jun 2024	Weekend			
16 Jun 2024	Weekend	calm/rippled		
17 Jun 2024	Midweek	choppy	choppy	
18 Jun 2024	Midweek	choppy		
19 Jun 2024	Midweek		calm/rippled	
20 Jun 2024	Midweek	choppy		
21 Jun 2024	Midweek			
22 Jun 2024	Weekend	calm/rippled		
23 Jun 2024	Weekend		choppy	
24 Jun 2024	Midweek	choppy		
25 Jun 2024	Midweek		calm/rippled	
26 Jun 2024	Midweek	calm/rippled		
27 Jun 2024	Midweek		No Data	
28 Jun 2024	Midweek	calm/rippled	calm/rippled	
29 Jun 2024	Weekend		calm/rippled	choppy
30 Jun 2024	Weekend	calm/rippled		
01 Jul 2024	Weekend	choppy		
02 Jul 2024	Midweek	large swells	frequent whitecaps	
03 Jul 2024	Midweek	choppy	calm/rippled	