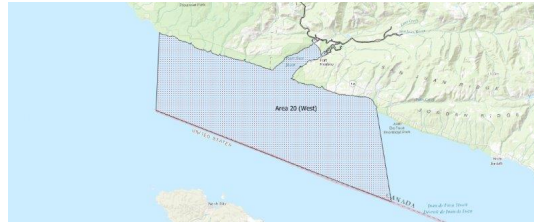


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 20 (West) September 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Saturday 7th December, 2024



Fisheries and Oceans
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Canada



Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

Date	Day Type	Pacific Gateway Marina MD	Port Renfrew Marina MD
29 Aug 2024	Midweek	18	
30 Aug 2024	Midweek	14	
31 Aug 2024	Weekend		
01 Sep 2024	Weekend		
02 Sep 2024	Weekend		
03 Sep 2024	Midweek		7
04 Sep 2024	Midweek	9	
05 Sep 2024	Midweek	13	
06 Sep 2024	Midweek	17	
07 Sep 2024	Weekend		26
08 Sep 2024	Weekend		
09 Sep 2024	Midweek	6	
10 Sep 2024	Midweek	7	
11 Sep 2024	Midweek		13
12 Sep 2024	Midweek	12	
13 Sep 2024	Midweek		
14 Sep 2024	Weekend		
15 Sep 2024	Weekend		
16 Sep 2024	Midweek		
17 Sep 2024	Midweek		
18 Sep 2024	Midweek		
19 Sep 2024	Midweek		
20 Sep 2024	Midweek		
21 Sep 2024	Weekend		
22 Sep 2024	Weekend		
23 Sep 2024	Midweek		
24 Sep 2024	Midweek		
25 Sep 2024	Midweek		
26 Sep 2024	Midweek		
27 Sep 2024	Midweek		
28 Sep 2024	Weekend		
29 Sep 2024	Weekend		
30 Sep 2024	Midweek		
01 Oct 2024	Midweek		
02 Oct 2024	Midweek		
03 Oct 2024	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-Aug-2024	Thursday	calm/rippled	19	20	41					
30-Aug-2024	Friday	calm/rippled	14	9	36					
31-Aug-2024	Saturday		0					103	0912	138
01-Sep-2024	Sunday		0							
02-Sep-2024	Monday (Labour Day)		0					25	1510	79
03-Sep-2024	Tuesday	calm/rippled	7	12	2					
04-Sep-2024	Wednesday	calm/rippled	9	25	17			35	1234	42
05-Sep-2024	Thursday	calm/rippled	13	8	35					
06-Sep-2024	Friday	calm/rippled	18	8	61					
07-Sep-2024	Saturday	calm/rippled	26	14	64			77	0929	103
08-Sep-2024	Sunday		0							
09-Sep-2024	Monday	calm/rippled	6		21					
10-Sep-2024	Tuesday	choppy	7	1	37		1			
11-Sep-2024	Wednesday	calm/rippled	13	2	32					
12-Sep-2024	Thursday	calm/rippled	12	3	72					
13-Sep-2024	Friday		0					44	0922	58
14-Sep-2024	Saturday		0							
15-Sep-2024	Sunday		0							
16-Sep-2024	Monday		0					29	1019	37
17-Sep-2024	Tuesday		0							
18-Sep-2024	Wednesday		0							
19-Sep-2024	Thursday		0							
20-Sep-2024	Friday		0							
21-Sep-2024	Saturday		0					82	0921	109
22-Sep-2024	Sunday		0							
23-Sep-2024	Monday		0							
24-Sep-2024	Tuesday		0							
25-Sep-2024	Wednesday		0							
26-Sep-2024	Thursday		0							
27-Sep-2024	Friday		0					6	0941	8
28-Sep-2024	Saturday		0					31	0946	41
29-Sep-2024	Sunday		0							
30-Sep-2024	Monday		0							
01-Oct-2024	Tuesday		0							
02-Oct-2024	Wednesday		0							
03-Oct-2024	Thursday		0							
	Totals	calm/rippled	85	59	277		1	29*		36*
	Totals	calm/rippled	26	14	64			54*		83*

* 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	83	10	830	0.538	2.462			447	2043		
Midweek	36	20	720	0.694	3.259		0.012	500	2346		9

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	September	1441	945	1052		0
2020	September	1514	791	4256		0
2021	September	1055	366	2565	6	0
2022	September	1428	1224	1239		7
2023	September	694	331	333		36
2024	September	1014	1105	2086		16
5-Yr Avg	September	1226	731	1889	6	9

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
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Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	501	9%
iRec Anglers	1421	15%
iRec Anglers	7108	14%

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

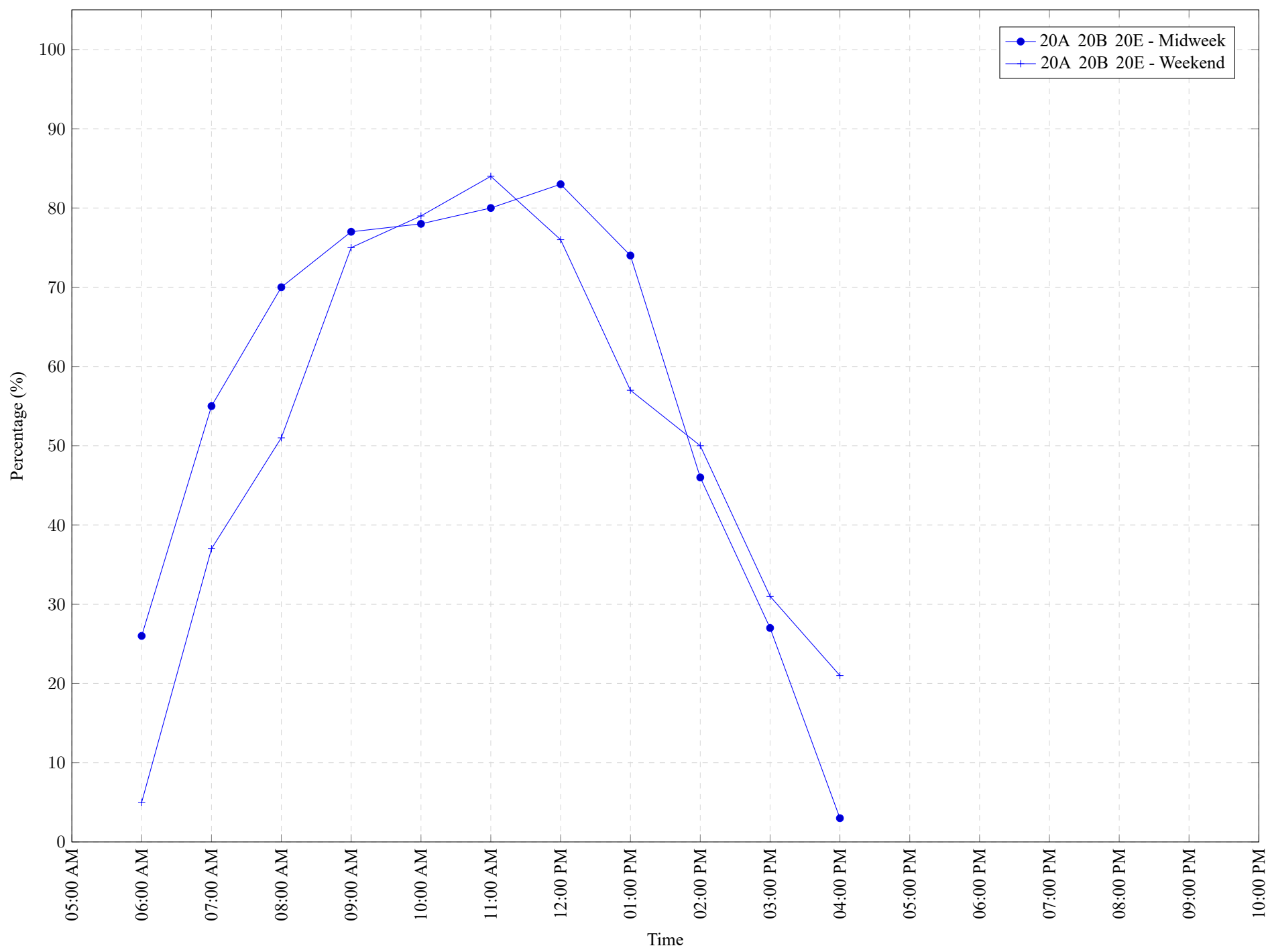


Table 7: Proportion of each day's fishing by hour.

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	26%	55%	70%	77%	78%	80%	83%	74%	46%	27%	3%	0%	0%	0%	0%	0%	0%
20A	20B	20E	Weekend	5%	37%	51%	75%	79%	84%	76%	57%	50%	31%	21%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Pacific Gateway Marina	Port Renfrew Marina
29 Aug 2024	Midweek	calm/rippled	
30 Aug 2024	Midweek	calm/rippled	
31 Aug 2024	Weekend		
01 Sep 2024	Weekend		
02 Sep 2024	Weekend		
03 Sep 2024	Midweek		calm/rippled
04 Sep 2024	Midweek	calm/rippled	
05 Sep 2024	Midweek	calm/rippled	
06 Sep 2024	Midweek	calm/rippled	
07 Sep 2024	Weekend		calm/rippled
08 Sep 2024	Weekend		
09 Sep 2024	Midweek	calm/rippled	
10 Sep 2024	Midweek	choppy	
11 Sep 2024	Midweek		calm/rippled
12 Sep 2024	Midweek	calm/rippled	
13 Sep 2024	Midweek		
14 Sep 2024	Weekend		
15 Sep 2024	Weekend		
16 Sep 2024	Midweek		
17 Sep 2024	Midweek		
18 Sep 2024	Midweek		
19 Sep 2024	Midweek		
20 Sep 2024	Midweek		
21 Sep 2024	Weekend		
22 Sep 2024	Weekend		
23 Sep 2024	Midweek		
24 Sep 2024	Midweek		
25 Sep 2024	Midweek		
26 Sep 2024	Midweek		
27 Sep 2024	Midweek		
28 Sep 2024	Weekend		
29 Sep 2024	Weekend		
30 Sep 2024	Midweek		
01 Oct 2024	Midweek		
02 Oct 2024	Midweek		
03 Oct 2024	Midweek		