

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 20 (West) August 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Saturday 7th December, 2024



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

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-Jul-2024	Monday	calm/rippled	8	22	2					
30-Jul-2024	Tuesday	calm/rippled	15	10						
31-Jul-2024	Wednesday	calm/rippled	4	6						
01-Aug-2024	Thursday	calm/rippled	1	5				63	0858	93
02-Aug-2024	Friday	choppy	27	36						
03-Aug-2024	Saturday	calm/rippled	24	32						
04-Aug-2024	Sunday	choppy	8	8				98	1220	130
05-Aug-2024	Monday (B.C. Day)	calm/rippled	17	44	3					
06-Aug-2024	Tuesday	calm/rippled	6	17			3			
07-Aug-2024	Wednesday		0							
08-Aug-2024	Thursday	calm/rippled	15	52	1					
09-Aug-2024	Friday	calm/rippled	18	33	1					
10-Aug-2024	Saturday	choppy	12	34						
11-Aug-2024	Sunday	calm/rippled	24	59	5					
12-Aug-2024	Monday	calm/rippled	16	78	6		2	78	0928	106
13-Aug-2024	Tuesday	calm/rippled	13	64	4					
14-Aug-2024	Wednesday	calm/rippled	37	167	5					
15-Aug-2024	Thursday	calm/rippled	21	52	4					
16-Aug-2024	Friday	calm/rippled	5	2			1			
17-Aug-2024	Saturday	calm/rippled	25	40	1					
18-Aug-2024	Sunday	calm/rippled	16	49						
19-Aug-2024	Monday	choppy	14	31	5					
20-Aug-2024	Tuesday	calm/rippled	20	35	1					
21-Aug-2024	Wednesday	calm/rippled	12	29	3					
22-Aug-2024	Thursday	calm/rippled	15	16				65	1018	77
23-Aug-2024	Friday	calm/rippled	25	22	4					
24-Aug-2024	Saturday	calm/rippled	16	6	16		1	66	0946	82
25-Aug-2024	Sunday	calm/rippled	13	4	33					
26-Aug-2024	Monday	calm/rippled	8	20	5					
27-Aug-2024	Tuesday	frequent whitecaps	33	31	26			52	0913	70
28-Aug-2024	Wednesday	calm/rippled	23	15	4					
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	128
01-Sep-2024	Sunday		0							
02-Sep-2024	Monday (Labour Day)		0					25	1510	150
03-Sep-2024	Tuesday	calm/rippled	7	12	2					
	Totals	calm/rippled	342	734	146		6	65*		87*
	Totals	calm/rippled	155	276	58		1	89*		113*

* 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	113	10	1130	1.781	0.374		0.006	2013	423		7
Midweek	87	21	1827	2.146	0.427		0.018	3921	780		33

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	August	3502	6741	330		13
2020	August	4797	4708	1429		135
2021	August	2944	5075	456		25
2022	August	3306	3089	353	0	6
2023	August	3091	6184	1469	0	42
2024	August	2882	5808	767	0	43
5-Yr Avg	August	3528	5159	807	0	44

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	1155	14%
iRec Anglers	7377	7%
iRec Anglers	12914	18%

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

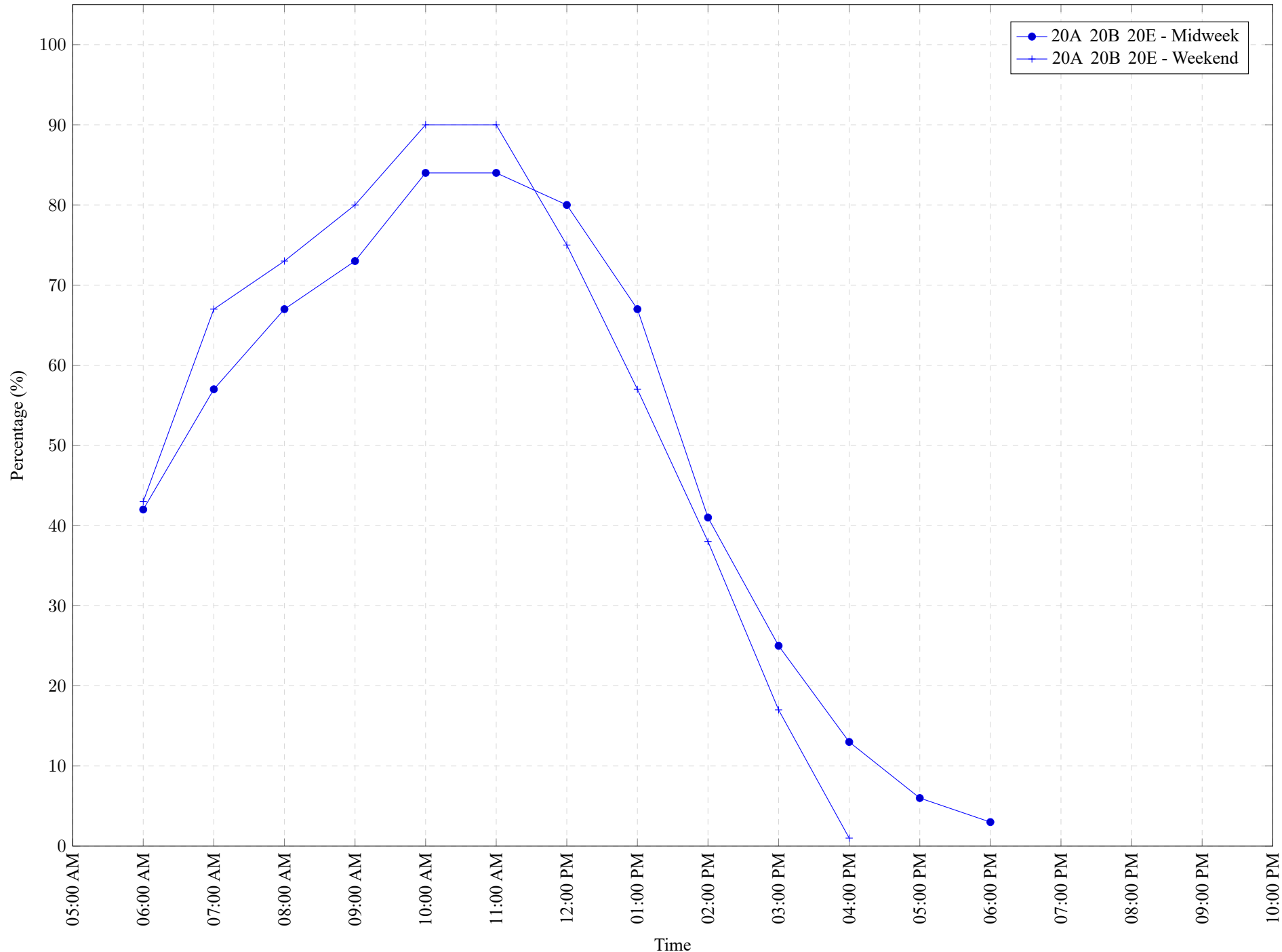


Table 7: Proportion of each day's fishing by hour.

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
20A	20B	20E	Midweek	42%	57%	67%	73%	84%	84%	80%	67%	41%	25%	13%	6%	3%	0%	0%	0%	0%
20A	20B	20E	Weekend	43%	67%	73%	80%	90%	90%	75%	57%	38%	17%	1%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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