

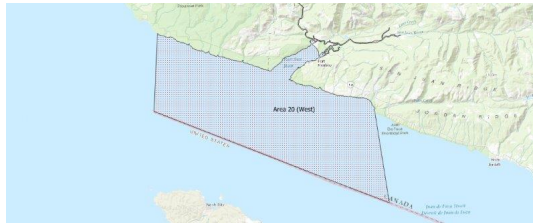
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 20 (West) June 2023



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Friday 10<sup>th</sup> November, 2023



Fisheries and Oceans  
Canada

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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		Port Renfrew Marina	
		MD	PM	AM	MD
29 May 2023	Midweek				
30 May 2023	Midweek				
31 May 2023	Midweek				
01 Jun 2023	Midweek				
02 Jun 2023	Midweek	6			
03 Jun 2023	Weekend	5			
04 Jun 2023	Weekend	4			
05 Jun 2023	Midweek				
06 Jun 2023	Midweek				
07 Jun 2023	Midweek		2		
08 Jun 2023	Midweek	3			
09 Jun 2023	Midweek				
10 Jun 2023	Weekend	8			
11 Jun 2023	Weekend				11
12 Jun 2023	Midweek				
13 Jun 2023	Midweek				
14 Jun 2023	Midweek				
15 Jun 2023	Midweek				
16 Jun 2023	Midweek				
17 Jun 2023	Weekend			7	
18 Jun 2023	Weekend	5			
19 Jun 2023	Midweek				3
20 Jun 2023	Midweek	3			
21 Jun 2023	Midweek				2
22 Jun 2023	Midweek				
23 Jun 2023	Midweek				
24 Jun 2023	Weekend	9			
25 Jun 2023	Weekend				10
26 Jun 2023	Midweek	9			
27 Jun 2023	Midweek				6
28 Jun 2023	Midweek		1		
29 Jun 2023	Midweek				
30 Jun 2023	Midweek	2			
01 Jul 2023	Weekend				3
02 Jul 2023	Weekend	3			
03 Jul 2023	Weekend				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-2023	Monday		0							
30-May-2023	Tuesday		0							
31-May-2023	Wednesday		0							
01-Jun-2023	Thursday		0					4	0850	4
02-Jun-2023	Friday	calm/rippled	6							
03-Jun-2023	Saturday	calm/rippled	5					24	0923	28
04-Jun-2023	Sunday	frequent whitecaps	4							
05-Jun-2023	Monday		0					6	0913	6
06-Jun-2023	Tuesday		0							
07-Jun-2023	Wednesday	frequent whitecaps	2							
08-Jun-2023	Thursday	calm/rippled	3					2	1013	2
09-Jun-2023	Friday		0							
10-Jun-2023	Saturday	choppy	8							
11-Jun-2023	Sunday	large swells	11					32	0923	36
12-Jun-2023	Monday		0							
13-Jun-2023	Tuesday		0							
14-Jun-2023	Wednesday		0					7	0843	7
15-Jun-2023	Thursday		0					8	1008	8
16-Jun-2023	Friday		0							
17-Jun-2023	Saturday	frequent whitecaps	7					14	0921	16
18-Jun-2023	Sunday	large swells	5							
19-Jun-2023	Monday	choppy	3							
20-Jun-2023	Tuesday	choppy	3							
21-Jun-2023	Wednesday	calm/rippled	2							
22-Jun-2023	Thursday		0							
23-Jun-2023	Friday		0							
24-Jun-2023	Saturday	calm/rippled	9					53	0941	60
25-Jun-2023	Sunday	calm/rippled	10				3			
26-Jun-2023	Monday	calm/rippled	9							
27-Jun-2023	Tuesday	calm/rippled	6							
28-Jun-2023	Wednesday	choppy	1							
29-Jun-2023	Thursday		0							
30-Jun-2023	Friday	calm/rippled	2							
01-Jul-2023	Saturday	calm/rippled	4					6	0842	8
02-Jul-2023	Sunday	calm/rippled	3							
03-Jul-2023	Monday (Canada Day)	calm/rippled	2							
	Totals	choppy	37					5*		5*
	Totals	choppy	59				3	31*		35*

\* 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	5	22	110								
Weekend	35	8	280				0.051				14

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	June	622	659	9		4
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
5-Yr Avg	June	289	135	20		35

**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	183	100%	33%	450	97%	13%	60
Chinook	45	100%	240%	232	83%	47%	108

**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	198	33%
iRec Anglers	514	12%
iRec Anglers	1600	36%

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

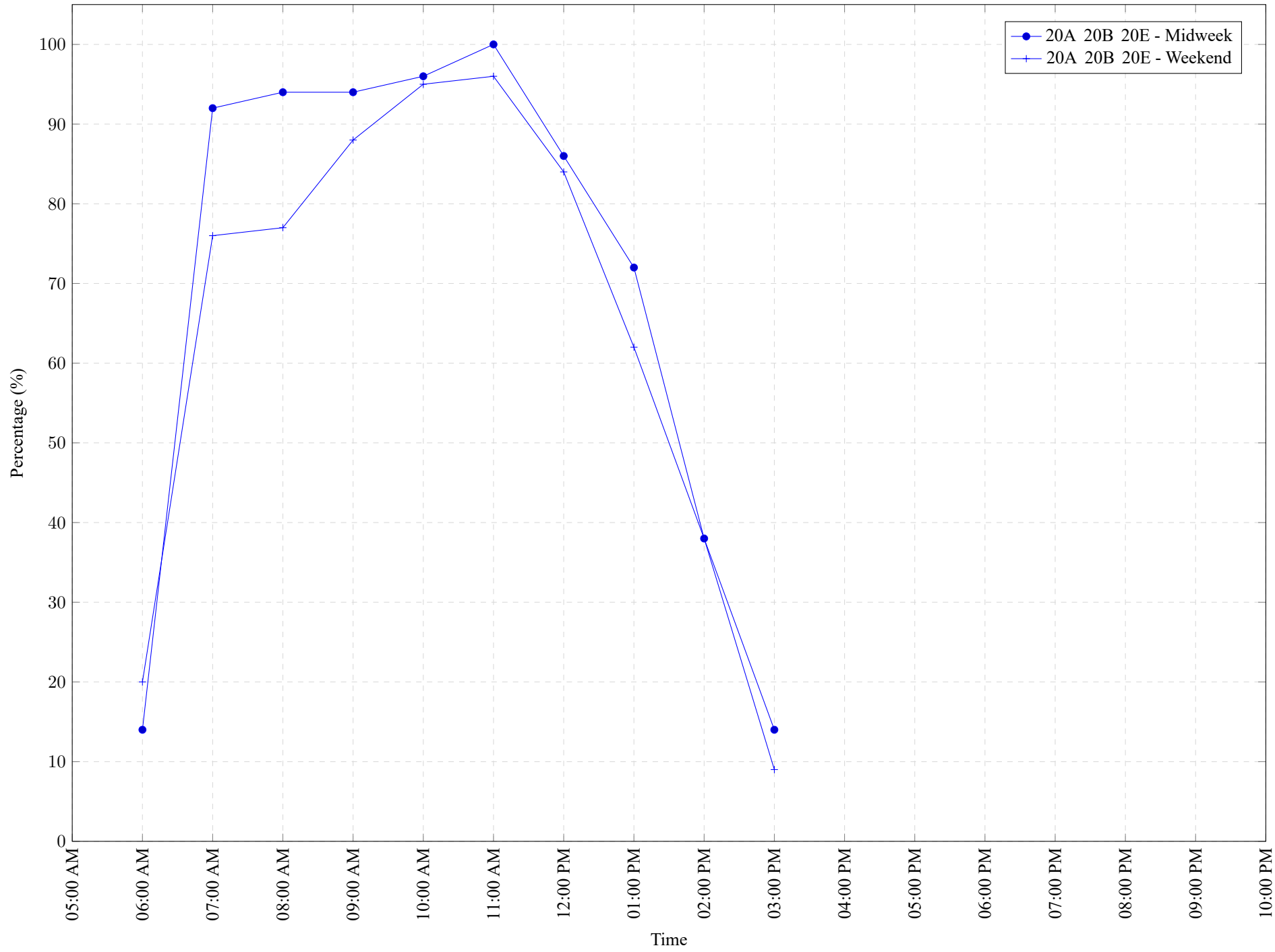


Table 7: Proportion of each day's fishing by hour.

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	14%	92%	94%	94%	96%	100%	86%	72%	38%	14%	0%	0%	0%	0%	0%	0%	0%
20A	20B	20E	Weekend	20%	76%	77%	88%	95%	96%	84%	62%	38%	9%	0%	0%	0%	0%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

Date	Day Type	Pacific Gateway Marina	Port Renfrew Marina
29 May 2023	Midweek		
30 May 2023	Midweek		
31 May 2023	Midweek		
01 Jun 2023	Midweek		
02 Jun 2023	Midweek	calm/rippled	
03 Jun 2023	Weekend	calm/rippled	
04 Jun 2023	Weekend	frequent whitecaps	
05 Jun 2023	Midweek		
06 Jun 2023	Midweek		
07 Jun 2023	Midweek	frequent whitecaps	
08 Jun 2023	Midweek	calm/rippled	
09 Jun 2023	Midweek		
10 Jun 2023	Weekend	choppy	
11 Jun 2023	Weekend		large swells
12 Jun 2023	Midweek		
13 Jun 2023	Midweek		
14 Jun 2023	Midweek		
15 Jun 2023	Midweek		
16 Jun 2023	Midweek		
17 Jun 2023	Weekend		frequent whitecaps
18 Jun 2023	Weekend	large swells	
19 Jun 2023	Midweek		choppy
20 Jun 2023	Midweek	choppy	
21 Jun 2023	Midweek		calm/rippled
22 Jun 2023	Midweek		
23 Jun 2023	Midweek		
24 Jun 2023	Weekend	calm/rippled	
25 Jun 2023	Weekend		calm/rippled
26 Jun 2023	Midweek	calm/rippled	
27 Jun 2023	Midweek		calm/rippled
28 Jun 2023	Midweek	choppy	
29 Jun 2023	Midweek		
30 Jun 2023	Midweek	calm/rippled	
01 Jul 2023	Weekend		calm/rippled
02 Jul 2023	Weekend	calm/rippled	
03 Jul 2023	Weekend		calm/rippled