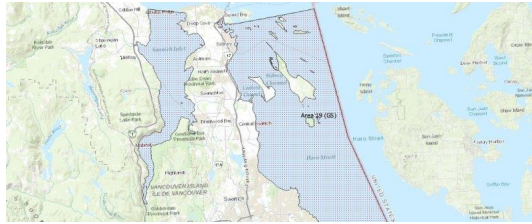


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 19 (GS) September 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 7th November, 2024



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	Cattle Point		Cowichan Bay		Mill Bay		Sidney (Tulista Park Ramp)	
		AM	PM	AM	PM	AM	PM	AM	PM
29 Aug 2024	Midweek							2	
30 Aug 2024	Midweek					3			
31 Aug 2024	Weekend								
01 Sep 2024	Weekend		2						
02 Sep 2024	Weekend								
03 Sep 2024	Midweek								
04 Sep 2024	Midweek								
05 Sep 2024	Midweek								
06 Sep 2024	Midweek								
07 Sep 2024	Weekend							14	
08 Sep 2024	Weekend								
09 Sep 2024	Midweek								
10 Sep 2024	Midweek								
11 Sep 2024	Midweek								
12 Sep 2024	Midweek						1		
13 Sep 2024	Midweek								
14 Sep 2024	Weekend					2			11
15 Sep 2024	Weekend			1					
16 Sep 2024	Midweek						2		
17 Sep 2024	Midweek								
18 Sep 2024	Midweek							3	
19 Sep 2024	Midweek								
20 Sep 2024	Midweek								
21 Sep 2024	Weekend								
22 Sep 2024	Weekend						4		10
23 Sep 2024	Midweek								
24 Sep 2024	Midweek								5
25 Sep 2024	Midweek								
26 Sep 2024	Midweek								
27 Sep 2024	Midweek								
28 Sep 2024	Weekend				1		7		
29 Sep 2024	Weekend	1							
30 Sep 2024	Midweek		1			2			
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	2							
30-Aug-2024	Friday	calm/rippled	3							
31-Aug-2024	Saturday		0					16	1002	27
01-Sep-2024	Sunday	choppy	2							
02-Sep-2024	Monday (Labour Day)		0					18	1000	30
03-Sep-2024	Tuesday		0							
04-Sep-2024	Wednesday		0					2	0957	6
05-Sep-2024	Thursday		0							
06-Sep-2024	Friday		0							
07-Sep-2024	Saturday	calm/rippled	14	3	1					
08-Sep-2024	Sunday		0					21	0955	35
09-Sep-2024	Monday		0							
10-Sep-2024	Tuesday		0							
11-Sep-2024	Wednesday		0							
12-Sep-2024	Thursday	choppy	1							
13-Sep-2024	Friday		0					3	0958	10
14-Sep-2024	Saturday	choppy	13					6	1004	10
15-Sep-2024	Sunday	calm/rippled	1							
16-Sep-2024	Monday	calm/rippled	2					7	0957	23
17-Sep-2024	Tuesday		0							
18-Sep-2024	Wednesday	calm/rippled	3	1						
19-Sep-2024	Thursday		0							
20-Sep-2024	Friday		0							
21-Sep-2024	Saturday		0							
22-Sep-2024	Sunday	choppy	14					7	0957	12
23-Sep-2024	Monday		0							
24-Sep-2024	Tuesday	calm/rippled	5					3	1046	10
25-Sep-2024	Wednesday		0							
26-Sep-2024	Thursday		0							
27-Sep-2024	Friday		0							
28-Sep-2024	Saturday	calm/rippled	8	1						
29-Sep-2024	Sunday	frequent whitecaps	1							
30-Sep-2024	Monday	calm/rippled	3							
01-Oct-2024	Tuesday		0							
02-Oct-2024	Wednesday		0							
03-Oct-2024	Thursday		0							
	Totals	calm/rippled	14	1				4*		12*
	Totals	choppy	53	4	1			13*		22*

* 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	22	10	220	0.075	0.019			17	4		
Midweek	12	20	240	0.071				17			

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	September	446	15	5		0
2020	September	601	37	0		0
2021	September	262	5			0
2022	September	509	55			0
2023	September	462	45	0		0
2024	September	378	43	6		0
5-Yr Avg	September	456	31	2		0

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	67	0%
iRec Anglers	250	7%

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

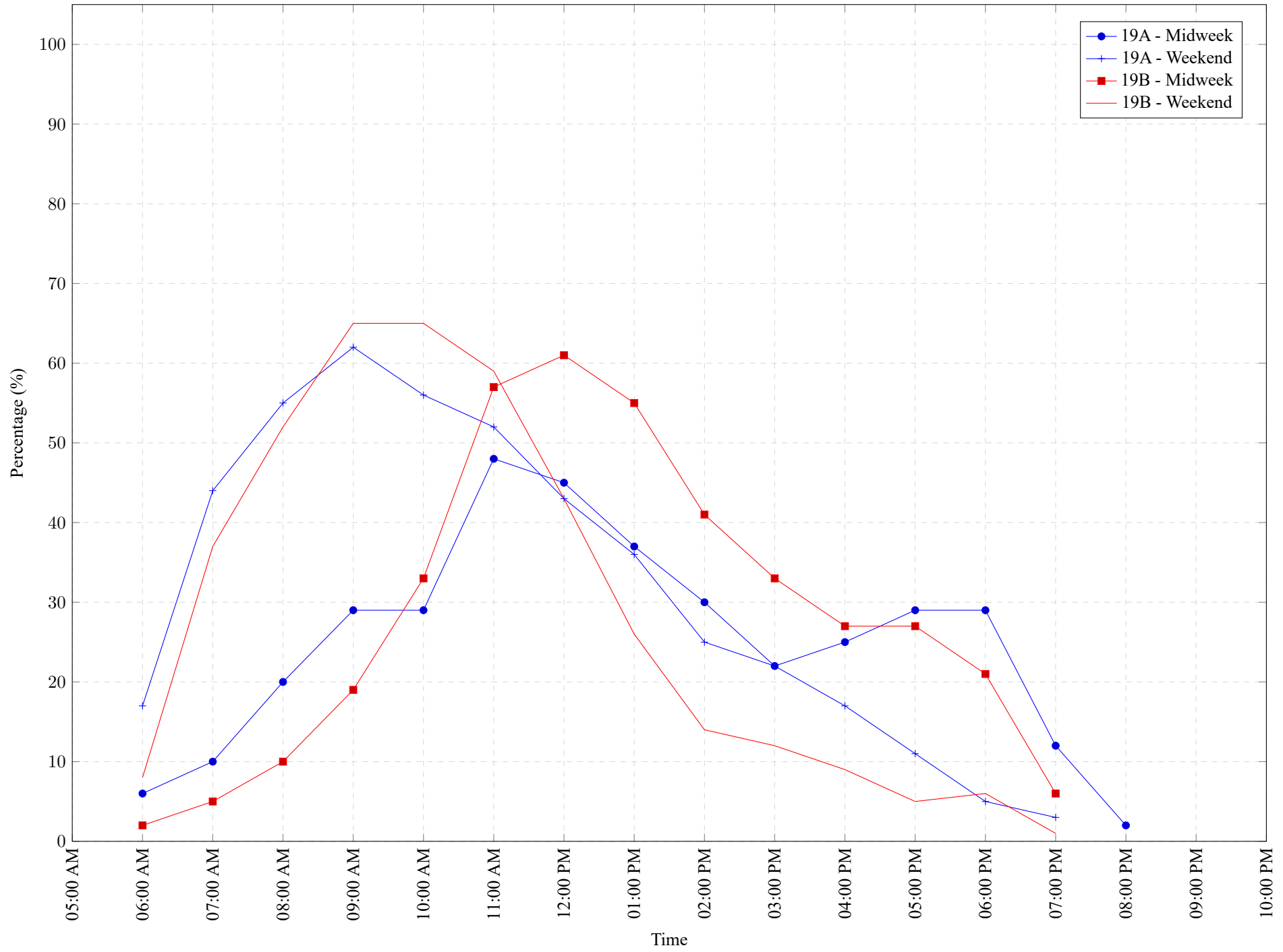


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	7:00	8:00	9:00	10:00	11:00	12:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00
		AM	AM	AM	AM	AM	AM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
19A	Midweek	6%	10%	20%	29%	29%	48%	45%	37%	30%	22%	25%	29%	29%	12%	2%	0%	0%
19A	Weekend	17%	44%	55%	62%	56%	52%	43%	36%	25%	22%	17%	11%	5%	3%	0%	0%	0%
19B	Midweek	2%	5%	10%	19%	33%	57%	61%	55%	41%	33%	27%	27%	21%	6%	0%	0%	0%
19B	Weekend	8%	37%	52%	65%	65%	59%	43%	26%	14%	12%	9%	5%	6%	1%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Cattle Point	Cowichan Bay	Mill Bay	Sidney (Tulista Park Ramp)
29 Aug 2024	Midweek				calm/rippled
30 Aug 2024	Midweek			calm/rippled	
31 Aug 2024	Weekend				
01 Sep 2024	Weekend	choppy			
02 Sep 2024	Weekend				
03 Sep 2024	Midweek				
04 Sep 2024	Midweek				
05 Sep 2024	Midweek				
06 Sep 2024	Midweek				
07 Sep 2024	Weekend				calm/rippled
08 Sep 2024	Weekend				
09 Sep 2024	Midweek				
10 Sep 2024	Midweek				
11 Sep 2024	Midweek				
12 Sep 2024	Midweek			choppy	
13 Sep 2024	Midweek				
14 Sep 2024	Weekend			calm/rippled	choppy
15 Sep 2024	Weekend		calm/rippled		
16 Sep 2024	Midweek			calm/rippled	
17 Sep 2024	Midweek				
18 Sep 2024	Midweek				calm/rippled
19 Sep 2024	Midweek				
20 Sep 2024	Midweek				
21 Sep 2024	Weekend				
22 Sep 2024	Weekend			calm/rippled	choppy
23 Sep 2024	Midweek				
24 Sep 2024	Midweek				calm/rippled
25 Sep 2024	Midweek				
26 Sep 2024	Midweek				
27 Sep 2024	Midweek				
28 Sep 2024	Weekend		calm/rippled	calm/rippled	
29 Sep 2024	Weekend	frequent whitecaps			
30 Sep 2024	Midweek	calm/rippled		calm/rippled	
01 Oct 2024	Midweek				
02 Oct 2024	Midweek				
03 Oct 2024	Midweek				