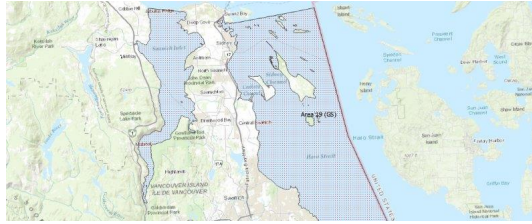


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 19 (GS) March 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 9th May, 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	Cattle Point	Mill Bay		Sidney (Tulista Park Ramp)
		MD	MD	PM	MD
27 Feb 2024	Midweek				
28 Feb 2024	Midweek				
29 Feb 2024	Midweek				
01 Mar 2024	Midweek				
02 Mar 2024	Weekend				
03 Mar 2024	Weekend				
04 Mar 2024	Midweek				
05 Mar 2024	Midweek				
06 Mar 2024	Midweek				
07 Mar 2024	Midweek		2		
08 Mar 2024	Midweek				
09 Mar 2024	Weekend				1
10 Mar 2024	Weekend				
11 Mar 2024	Midweek				
12 Mar 2024	Midweek				
13 Mar 2024	Midweek		2		
14 Mar 2024	Midweek				
15 Mar 2024	Midweek				
16 Mar 2024	Weekend				
17 Mar 2024	Weekend		13		
18 Mar 2024	Midweek	1			
19 Mar 2024	Midweek				
20 Mar 2024	Midweek		7		
21 Mar 2024	Midweek				
22 Mar 2024	Midweek				2
23 Mar 2024	Weekend				
24 Mar 2024	Weekend				
25 Mar 2024	Midweek				
26 Mar 2024	Midweek				
27 Mar 2024	Midweek				1
28 Mar 2024	Midweek				
29 Mar 2024	Weekend		12		
30 Mar 2024	Weekend		8		
31 Mar 2024	Weekend	3			18
01 Apr 2024	Midweek				
02 Apr 2024	Midweek			8	
03 Apr 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
27-Feb-2024	Tuesday		0							
28-Feb-2024	Wednesday		0							
29-Feb-2024	Thursday		0							
01-Mar-2024	Friday		0					0	1057	0
02-Mar-2024	Saturday		0							
03-Mar-2024	Sunday		0							
04-Mar-2024	Monday		0							
05-Mar-2024	Tuesday		0							
06-Mar-2024	Wednesday		0							
07-Mar-2024	Thursday	calm/rippled	2							
08-Mar-2024	Friday		0							
09-Mar-2024	Saturday	choppy	1							
10-Mar-2024	Sunday		0					0	1057	0
11-Mar-2024	Monday		0					0	1038	0
12-Mar-2024	Tuesday		0							
13-Mar-2024	Wednesday	calm/rippled	2					2	1055	3
14-Mar-2024	Thursday		0							
15-Mar-2024	Friday		0							
16-Mar-2024	Saturday		0					13	1102	23
17-Mar-2024	Sunday	calm/rippled	13	1						
18-Mar-2024	Monday	choppy	1							
19-Mar-2024	Tuesday		0							
20-Mar-2024	Wednesday	choppy	7							
21-Mar-2024	Thursday		0							
22-Mar-2024	Friday	choppy	2					6	1058	9
23-Mar-2024	Saturday		0							
24-Mar-2024	Sunday		0							
25-Mar-2024	Monday		0							
26-Mar-2024	Tuesday		0							
27-Mar-2024	Wednesday	frequent whitecaps	1							
28-Mar-2024	Thursday		0							
29-Mar-2024	Friday (Good Friday)	calm/rippled	12							
30-Mar-2024	Saturday	calm/rippled	8					56	1100	96
31-Mar-2024	Sunday	calm/rippled	21	12			1			
01-Apr-2024	Monday		0					15	1106	22
02-Apr-2024	Tuesday	choppy	8							
03-Apr-2024	Wednesday		0							
	Totals	choppy	15					2*		3*
	Totals	calm/rippled	55	13			1	23*		40*

* 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	3	20	60								
Weekend	40	11	440	0.236			0.018	104			8

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2021	March	488	102			48
2022	March	384	50			0
2023	March	298	136			0
2024	March	487	124	0		25
5-Yr Avg	March	390	96			16

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

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	70	1%
iRec Anglers	176	4%

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

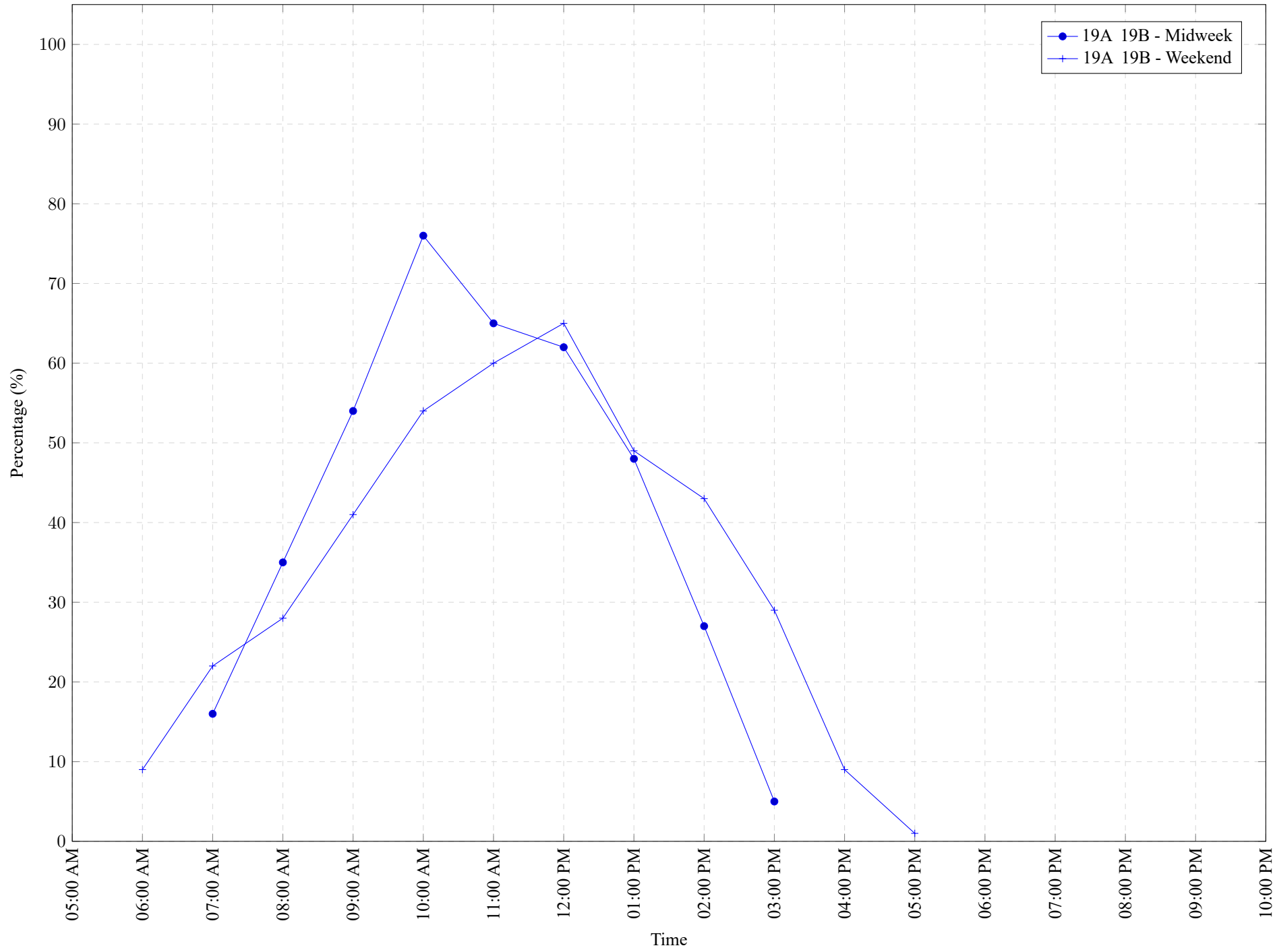


Table 7: Proportion of each day's fishing by hour.

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
19A	19B	Midweek	0%	16%	35%	54%	76%	65%	62%	48%	27%	5%	0%	0%	0%	0%	0%	0%	0%
19A	19B	Weekend	9%	22%	28%	41%	54%	60%	65%	49%	43%	29%	9%	1%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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