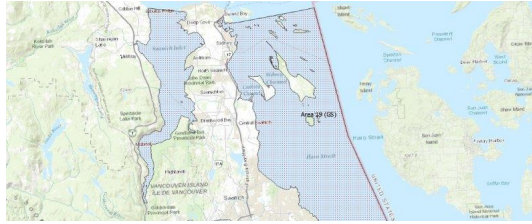


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 19 (GS) June 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 8th August, 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 PM	Cowichan Bay PM	Mill Bay AM	Mill Bay PM	Sidney (Tulista Park Ramp) AM	Sidney (Tulista Park Ramp) PM
29 May 2024	Midweek						4
30 May 2024	Midweek						
31 May 2024	Midweek				3		
01 Jun 2024	Weekend						
02 Jun 2024	Weekend				1	4	
03 Jun 2024	Midweek						
04 Jun 2024	Midweek						
05 Jun 2024	Midweek						
06 Jun 2024	Midweek						3
07 Jun 2024	Midweek						
08 Jun 2024	Weekend						
09 Jun 2024	Weekend	1					
10 Jun 2024	Midweek						
11 Jun 2024	Midweek						
12 Jun 2024	Midweek						
13 Jun 2024	Midweek						
14 Jun 2024	Midweek						
15 Jun 2024	Weekend						
16 Jun 2024	Weekend			2			
17 Jun 2024	Midweek						
18 Jun 2024	Midweek						
19 Jun 2024	Midweek			3			
20 Jun 2024	Midweek					4	
21 Jun 2024	Midweek				3		
22 Jun 2024	Weekend						
23 Jun 2024	Weekend						5
24 Jun 2024	Midweek			3			
25 Jun 2024	Midweek						2
26 Jun 2024	Midweek		1				
27 Jun 2024	Midweek						
28 Jun 2024	Midweek						
29 Jun 2024	Weekend		1				
30 Jun 2024	Weekend				2		
01 Jul 2024	Weekend		1				
02 Jul 2024	Midweek						
03 Jul 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-May-2024	Wednesday	calm/rippled	9							
30-May-2024	Thursday		3					17	1000	47
31-May-2024	Friday	calm/rippled	3							
01-Jun-2024	Saturday		0					19	1100	45
02-Jun-2024	Sunday	No Data	5							
03-Jun-2024	Monday		0							
04-Jun-2024	Tuesday		3							
05-Jun-2024	Wednesday		7							
06-Jun-2024	Thursday	calm/rippled	6							
07-Jun-2024	Friday		0					11	1059	25
08-Jun-2024	Saturday		0							
09-Jun-2024	Sunday	choppy	1					17	1059	39
10-Jun-2024	Monday		0							
11-Jun-2024	Tuesday		9							
12-Jun-2024	Wednesday		8							
13-Jun-2024	Thursday		6							
14-Jun-2024	Friday		0							
15-Jun-2024	Saturday		0					11	1104	26
16-Jun-2024	Sunday	calm/rippled	2							
17-Jun-2024	Monday		0					3	1057	6
18-Jun-2024	Tuesday		7							
19-Jun-2024	Wednesday	calm/rippled	9							
20-Jun-2024	Thursday	calm/rippled	6					7	1058	16
21-Jun-2024	Friday	choppy	3							
22-Jun-2024	Saturday		0					14	1053	33
23-Jun-2024	Sunday	choppy	5							
24-Jun-2024	Monday	calm/rippled	3					8	1101	18
25-Jun-2024	Tuesday	calm/rippled	7							
26-Jun-2024	Wednesday	calm/rippled	7							
27-Jun-2024	Thursday		3							
28-Jun-2024	Friday		0							
29-Jun-2024	Saturday	calm/rippled	1							
30-Jun-2024	Sunday	calm/rippled	2							
01-Jul-2024	Monday (Canada Day)	choppy	1					12	0953	27
02-Jul-2024	Tuesday		4							
03-Jul-2024	Wednesday		2							
	Totals	calm/rippled	84					7*		16*
	Totals	calm/rippled	16					15*		36*

* 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	36	10	360								
Midweek	16	20	320								

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	June	237	0			0
2020	June	313				11
2021	June	366	0			12
2022	June	444	0			0
2023	June	453	4	0		0
2024	June	698	30	10		0
5-Yr Avg	June	363	1	0		5

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	48	2%
iRec Anglers	240	25%

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

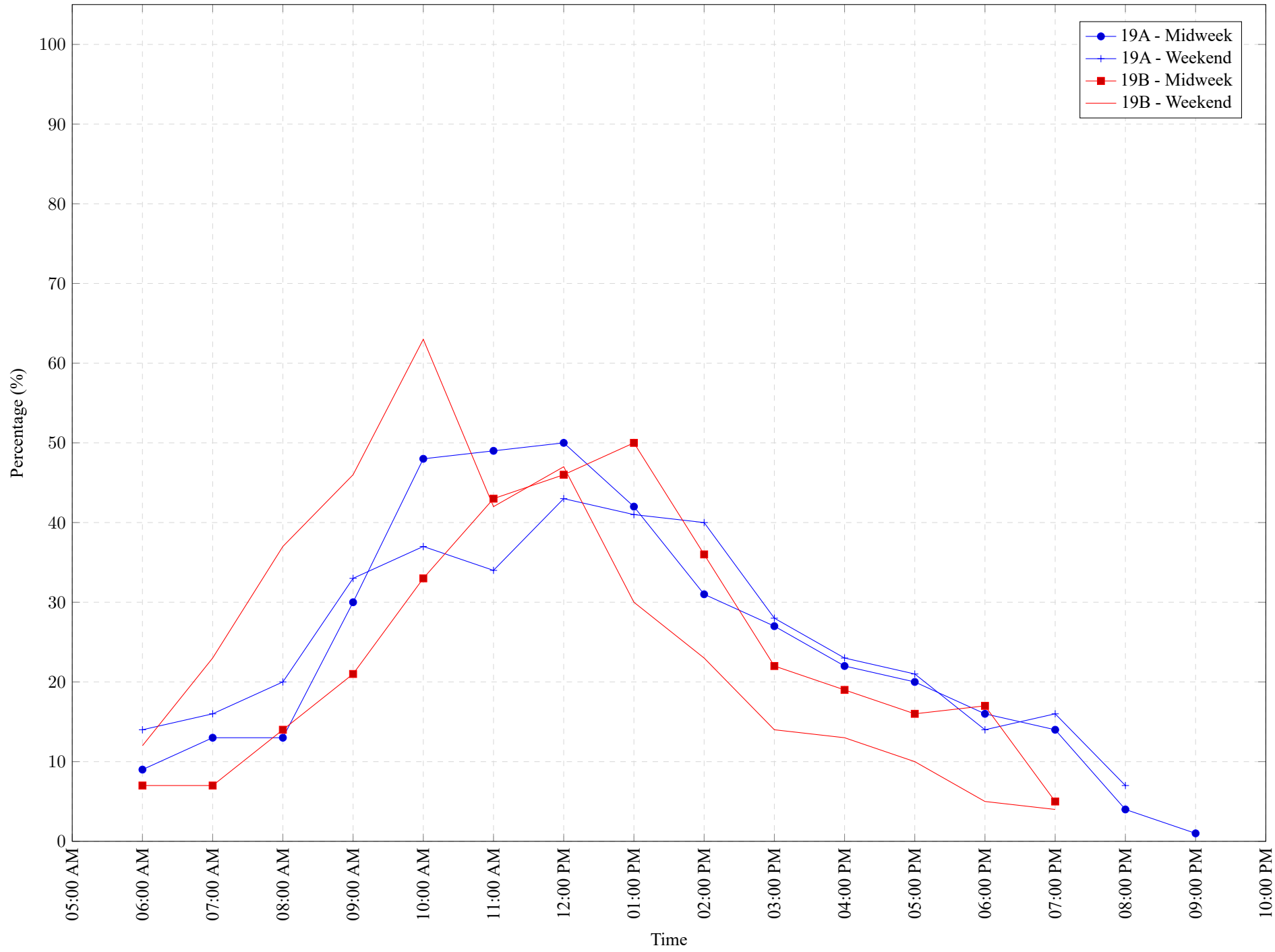


Table 7: Proportion of each day's fishing by hour.

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	9%	13%	13%	30%	48%	49%	50%	42%	31%	27%	22%	20%	16%	14%	4%	1%	0%
19A	Weekend	14%	16%	20%	33%	37%	34%	43%	41%	40%	28%	23%	21%	14%	16%	7%	0%	0%
19B	Midweek	7%	7%	14%	21%	33%	43%	46%	50%	36%	22%	19%	16%	17%	5%	0%	0%	0%
19B	Weekend	12%	23%	37%	46%	63%	42%	47%	30%	23%	14%	13%	10%	5%	4%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Cattle Point	Cowichan Bay	Mill Bay	Sidney (Tulista Park Ramp)
29 May 2024	Midweek				calm/rippled
30 May 2024	Midweek				
31 May 2024	Midweek			calm/rippled	
01 Jun 2024	Weekend				
02 Jun 2024	Weekend			choppy	No Data
03 Jun 2024	Midweek				
04 Jun 2024	Midweek				
05 Jun 2024	Midweek				
06 Jun 2024	Midweek				calm/rippled
07 Jun 2024	Midweek				
08 Jun 2024	Weekend				
09 Jun 2024	Weekend	choppy			
10 Jun 2024	Midweek				
11 Jun 2024	Midweek				
12 Jun 2024	Midweek				
13 Jun 2024	Midweek				
14 Jun 2024	Midweek				
15 Jun 2024	Weekend				
16 Jun 2024	Weekend			calm/rippled	
17 Jun 2024	Midweek				
18 Jun 2024	Midweek				
19 Jun 2024	Midweek			calm/rippled	
20 Jun 2024	Midweek				calm/rippled
21 Jun 2024	Midweek			choppy	
22 Jun 2024	Weekend				
23 Jun 2024	Weekend				choppy
24 Jun 2024	Midweek			calm/rippled	
25 Jun 2024	Midweek				calm/rippled
26 Jun 2024	Midweek		calm/rippled		
27 Jun 2024	Midweek				
28 Jun 2024	Midweek				
29 Jun 2024	Weekend		calm/rippled		
30 Jun 2024	Weekend			calm/rippled	
01 Jul 2024	Weekend		choppy		
02 Jul 2024	Midweek				
03 Jul 2024	Midweek				