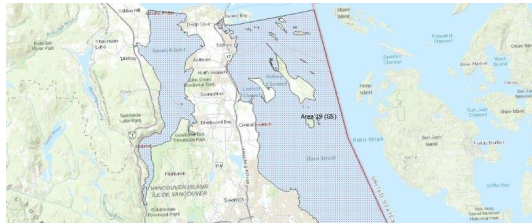


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 19 (GS) October 2023



Prepared By:

South Coast Salmon Stock Assessment Section

Saturday 10th February, 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	Mill Bay		Pedder Bay PM	Sidney (Tulista Park Ramp)	
			AM	PM		AM	PM
28 Sep 2023	Midweek						
29 Sep 2023	Midweek						3
30 Sep 2023	Weekend		3				
01 Oct 2023	Weekend						10
02 Oct 2023	Midweek						
03 Oct 2023	Midweek						
04 Oct 2023	Midweek						1
05 Oct 2023	Midweek						
06 Oct 2023	Midweek						
07 Oct 2023	Weekend						
08 Oct 2023	Weekend						
09 Oct 2023	Weekend			1			
10 Oct 2023	Midweek						
11 Oct 2023	Midweek						
12 Oct 2023	Midweek					1	
13 Oct 2023	Midweek						
14 Oct 2023	Weekend					2	
15 Oct 2023	Weekend						
16 Oct 2023	Midweek						
17 Oct 2023	Midweek						2
18 Oct 2023	Midweek			3			
19 Oct 2023	Midweek						
20 Oct 2023	Midweek						
21 Oct 2023	Weekend			14			
22 Oct 2023	Weekend	1					
23 Oct 2023	Midweek					1	
24 Oct 2023	Midweek						
25 Oct 2023	Midweek						
26 Oct 2023	Midweek						
27 Oct 2023	Midweek		3				
28 Oct 2023	Weekend		5			2	
29 Oct 2023	Weekend				1		
30 Oct 2023	Midweek						
31 Oct 2023	Midweek	1					
01 Nov 2023	Midweek						
02 Nov 2023	Midweek						
03 Nov 2023	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
28-Sep-2023	Thursday		0					1	0938	2
29-Sep-2023	Friday	choppy	3							
30-Sep-2023	Saturday	calm/rippled	3							
01-Oct-2023	Sunday	calm/rippled	10		2			5	0954	14
02-Oct-2023	Monday		0							
03-Oct-2023	Tuesday		0							
04-Oct-2023	Wednesday	calm/rippled	1					1	1020	6
05-Oct-2023	Thursday		0							
06-Oct-2023	Friday		0							
07-Oct-2023	Saturday		0							
08-Oct-2023	Sunday		0							
09-Oct-2023	Monday (Thanksgiving)	calm/rippled	1							
10-Oct-2023	Tuesday		0							
11-Oct-2023	Wednesday		0							
12-Oct-2023	Thursday	calm/rippled	1					1	1000	6
13-Oct-2023	Friday		0							
14-Oct-2023	Saturday	calm/rippled	2	3				5	1006	14
15-Oct-2023	Sunday		0							
16-Oct-2023	Monday		0							
17-Oct-2023	Tuesday	calm/rippled	2					1	0958	6
18-Oct-2023	Wednesday	calm/rippled	3							
19-Oct-2023	Thursday		0							
20-Oct-2023	Friday		0							
21-Oct-2023	Saturday	calm/rippled	14					3	1000	8
22-Oct-2023	Sunday	calm/rippled	1							
23-Oct-2023	Monday	choppy	1							
24-Oct-2023	Tuesday		0							
25-Oct-2023	Wednesday		0							
26-Oct-2023	Thursday		0							
27-Oct-2023	Friday	calm/rippled	3							
28-Oct-2023	Saturday	calm/rippled	7	1						
29-Oct-2023	Sunday	frequent whitecaps	1							
30-Oct-2023	Monday		0							
31-Oct-2023	Tuesday	calm/rippled	1							
01-Nov-2023	Wednesday		0							
02-Nov-2023	Thursday		0							
03-Nov-2023	Friday		0							
	Totals	calm/rippled	12					1*		6*
	Totals	calm/rippled	36	4	2			4*		12*

* 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	12	10	120	0.111	0.056			13	7		
Midweek	6	21	126								

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	October	251	105	1		6
2019	October	45	2			0
2020	October	214	11			0
2021	October	114	2			0
2022	October	173	11	23		0
2023	October	153	38	7		0
5-Yr Avg	October	159	26	12		1

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	48	0%
iRec Anglers	159	6%

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

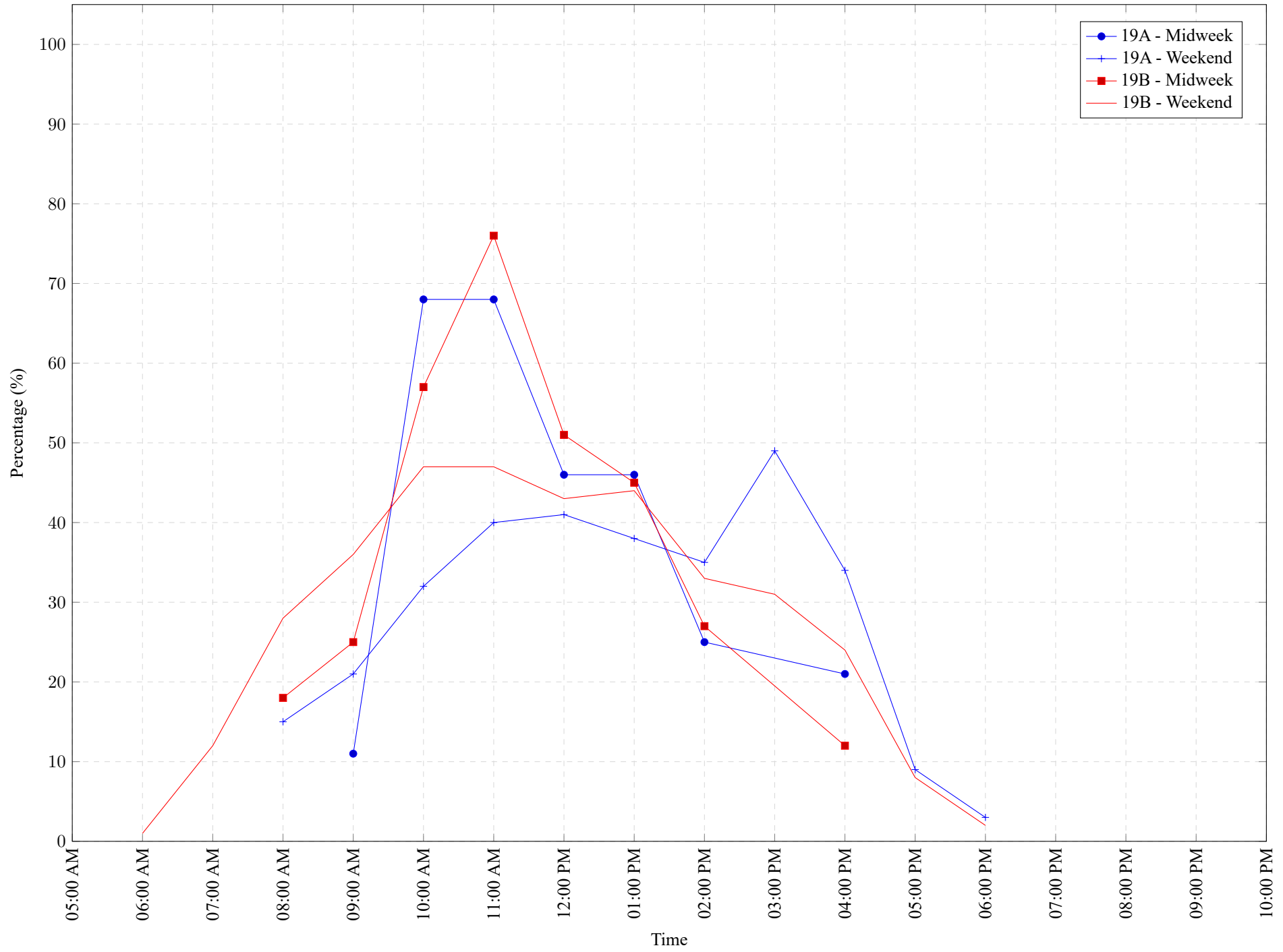


Table 7: Proportion of each day's fishing by hour.

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	Midweek	0%	0%	0%	11%	68%	68%	46%	46%	25%	0%	21%	0%	0%	0%	0%	0%	0%
19A	Weekend	0%	0%	15%	21%	32%	40%	41%	38%	35%	49%	34%	9%	3%	0%	0%	0%	0%
19B	Midweek	0%	0%	18%	25%	57%	76%	51%	45%	27%	0%	12%	0%	0%	0%	0%	0%	0%
19B	Weekend	1%	12%	28%	36%	47%	47%	43%	44%	33%	31%	24%	8%	2%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Cattle Point	Mill Bay	Pedder Bay	Sidney (Tulista Park Ramp)
28 Sep 2023	Midweek				
29 Sep 2023	Midweek				choppy
30 Sep 2023	Weekend		calm/rippled		
01 Oct 2023	Weekend				calm/rippled
02 Oct 2023	Midweek				
03 Oct 2023	Midweek				
04 Oct 2023	Midweek				calm/rippled
05 Oct 2023	Midweek				
06 Oct 2023	Midweek				
07 Oct 2023	Weekend				
08 Oct 2023	Weekend				
09 Oct 2023	Weekend		calm/rippled		
10 Oct 2023	Midweek				
11 Oct 2023	Midweek				
12 Oct 2023	Midweek				calm/rippled
13 Oct 2023	Midweek				
14 Oct 2023	Weekend				calm/rippled
15 Oct 2023	Weekend				
16 Oct 2023	Midweek				
17 Oct 2023	Midweek				calm/rippled
18 Oct 2023	Midweek		calm/rippled		
19 Oct 2023	Midweek				
20 Oct 2023	Midweek				
21 Oct 2023	Weekend		calm/rippled		
22 Oct 2023	Weekend	calm/rippled			
23 Oct 2023	Midweek				choppy
24 Oct 2023	Midweek				
25 Oct 2023	Midweek				
26 Oct 2023	Midweek				
27 Oct 2023	Midweek		calm/rippled		
28 Oct 2023	Weekend		calm/rippled		calm/rippled
29 Oct 2023	Weekend			frequent whitecaps	
30 Oct 2023	Midweek				
31 Oct 2023	Midweek	calm/rippled			
01 Nov 2023	Midweek				
02 Nov 2023	Midweek				
03 Nov 2023	Midweek				