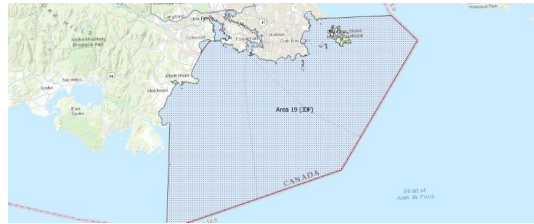


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 19 (JDF) 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		Cheanuh		Flemming		Mill Bay	Pedder Bay	
		AM	PM	AM	PM	AM	PM	AM	AM	PM
29 May 2024	Midweek									
30 May 2024	Midweek									
31 May 2024	Midweek									
01 Jun 2024	Weekend		4							
02 Jun 2024	Weekend									
03 Jun 2024	Midweek									
04 Jun 2024	Midweek									
05 Jun 2024	Midweek									
06 Jun 2024	Midweek					8				
07 Jun 2024	Midweek				1					
08 Jun 2024	Weekend						2			
09 Jun 2024	Weekend		3							
10 Jun 2024	Midweek								1	
11 Jun 2024	Midweek									
12 Jun 2024	Midweek	3								
13 Jun 2024	Midweek						1			
14 Jun 2024	Midweek									
15 Jun 2024	Weekend								7	
16 Jun 2024	Weekend									10
17 Jun 2024	Midweek									
18 Jun 2024	Midweek									
19 Jun 2024	Midweek	4						1		
20 Jun 2024	Midweek					1				
21 Jun 2024	Midweek									
22 Jun 2024	Weekend									1
23 Jun 2024	Weekend									
24 Jun 2024	Midweek									
25 Jun 2024	Midweek									
26 Jun 2024	Midweek			1						
27 Jun 2024	Midweek									
28 Jun 2024	Midweek									2
29 Jun 2024	Weekend			1						
30 Jun 2024	Weekend	5								
01 Jul 2024	Weekend	5								
02 Jul 2024	Midweek									
03 Jul 2024	Midweek					3			1	

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		4							
30-May-2024	Thursday		2					20	1014	68
31-May-2024	Friday		0							
01-Jun-2024	Saturday	frequent whitecaps	4				4	64	1125	131
02-Jun-2024	Sunday		0							
03-Jun-2024	Monday		0							
04-Jun-2024	Tuesday		0							
05-Jun-2024	Wednesday		0							
06-Jun-2024	Thursday	calm/rippled	8	1						
07-Jun-2024	Friday	calm/rippled	1					10	1121	33
08-Jun-2024	Saturday	choppy	2							
09-Jun-2024	Sunday	choppy	3					6	1121	12
10-Jun-2024	Monday	calm/rippled	1							
11-Jun-2024	Tuesday		0							
12-Jun-2024	Wednesday	calm/rippled	3							
13-Jun-2024	Thursday	frequent whitecaps	1				2			
14-Jun-2024	Friday		0							
15-Jun-2024	Saturday	frequent whitecaps	7				3	14	1127	28
16-Jun-2024	Sunday	choppy	10				1			
17-Jun-2024	Monday		0					1	1118	3
18-Jun-2024	Tuesday		0							
19-Jun-2024	Wednesday	calm/rippled	5							
20-Jun-2024	Thursday	calm/rippled	1					11	1119	36
21-Jun-2024	Friday		0							
22-Jun-2024	Saturday	frequent whitecaps	1					3	1114	6
23-Jun-2024	Sunday		0							
24-Jun-2024	Monday		0					4	1124	13
25-Jun-2024	Tuesday		0							
26-Jun-2024	Wednesday	calm/rippled	1							
27-Jun-2024	Thursday		0							
28-Jun-2024	Friday	calm/rippled	2				1			
29-Jun-2024	Saturday	calm/rippled	1							
30-Jun-2024	Sunday	choppy	5							
01-Jul-2024	Monday (Canada Day)	calm/rippled	5					7	1002	10
02-Jul-2024	Tuesday		0							
03-Jul-2024	Wednesday	calm/rippled	4				1			
	Totals	calm/rippled	23	1			3	7*		21*
	Totals	choppy	33				8	22*		44*

* 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	21	20	420	0.043			0.13	18			55
Weekend	44	10	440				0.242				106

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	June	982	0			225
2020	June	1042		46		112
2021	June	849	0			387
2022	June	599	0			109
2023	June	706	0	0		240
2024	June	882	29			181
5-Yr Avg	June	836	0	23		215

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	56	0%
iRec Anglers	1515	15%

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

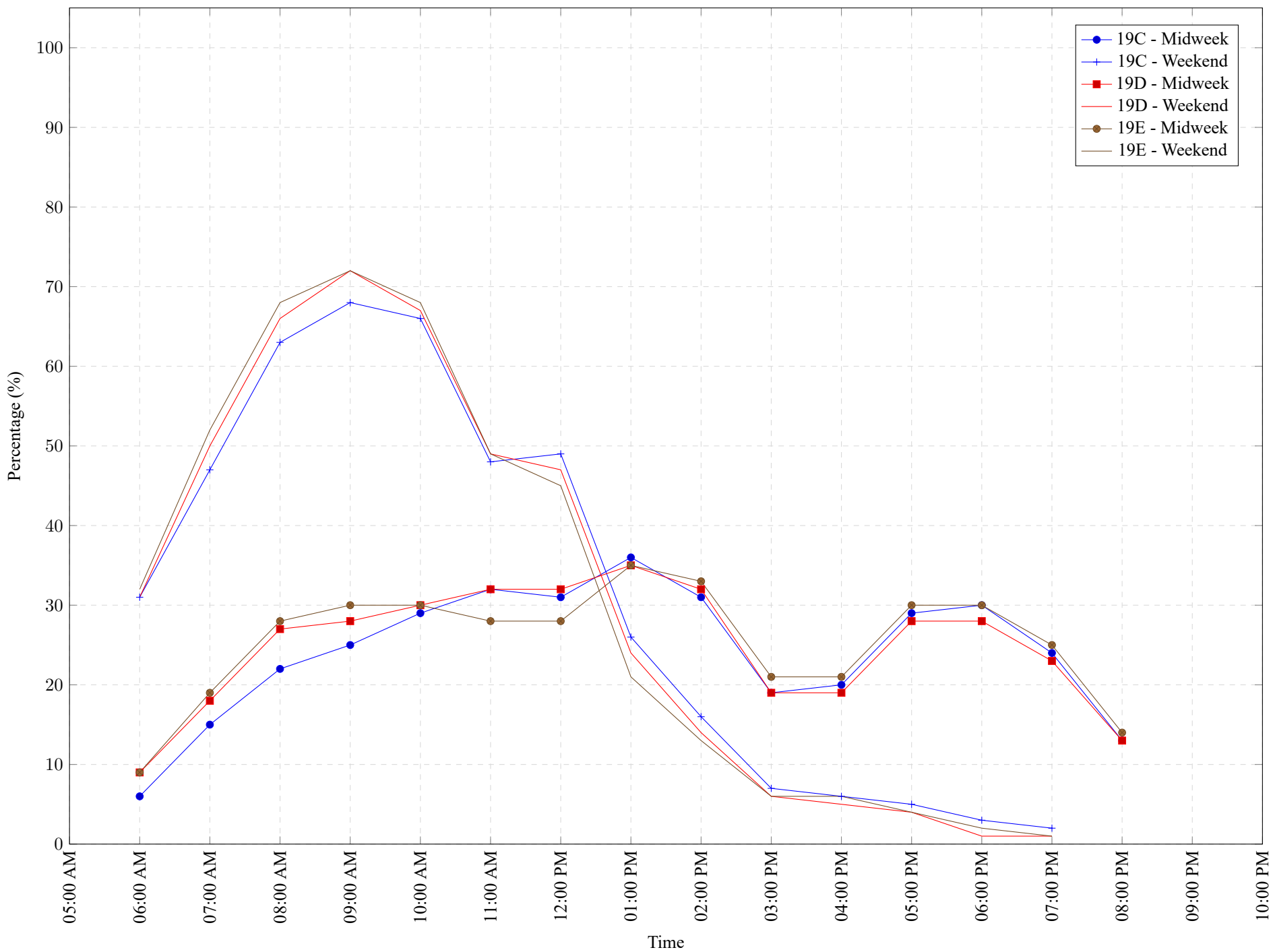


Table 7: Proportion of each day's fishing by hour.

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
19C	Midweek	6%	15%	22%	25%	29%	32%	31%	36%	31%	19%	20%	29%	30%	24%	13%	0%	0%
19C	Weekend	31%	47%	63%	68%	66%	48%	49%	26%	16%	7%	6%	5%	3%	2%	0%	0%	0%
19D	Midweek	9%	18%	27%	28%	30%	32%	32%	35%	32%	19%	19%	28%	28%	23%	13%	0%	0%
19D	Weekend	31%	50%	66%	72%	67%	49%	47%	24%	14%	6%	5%	4%	1%	1%	0%	0%	0%
19E	Midweek	9%	19%	28%	30%	30%	28%	28%	35%	33%	21%	21%	30%	30%	25%	14%	0%	0%
19E	Weekend	32%	52%	68%	72%	68%	49%	45%	21%	13%	6%	6%	4%	2%	1%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Cattle Point	Cheanuh	Flemming	Mill Bay	Pedder Bay
29 May 2024	Midweek					
30 May 2024	Midweek					
31 May 2024	Midweek					
01 Jun 2024	Weekend	frequent whitecaps				
02 Jun 2024	Weekend					
03 Jun 2024	Midweek					
04 Jun 2024	Midweek					
05 Jun 2024	Midweek					
06 Jun 2024	Midweek			calm/rippled		
07 Jun 2024	Midweek		calm/rippled			
08 Jun 2024	Weekend			choppy		
09 Jun 2024	Weekend	choppy				
10 Jun 2024	Midweek					calm/rippled
11 Jun 2024	Midweek					
12 Jun 2024	Midweek	calm/rippled				
13 Jun 2024	Midweek			frequent whitecaps		
14 Jun 2024	Midweek					
15 Jun 2024	Weekend					frequent whitecaps choppy
16 Jun 2024	Weekend					
17 Jun 2024	Midweek					
18 Jun 2024	Midweek					
19 Jun 2024	Midweek	calm/rippled			calm/rippled	
20 Jun 2024	Midweek			calm/rippled		
21 Jun 2024	Midweek					
22 Jun 2024	Weekend					frequent whitecaps
23 Jun 2024	Weekend					
24 Jun 2024	Midweek					
25 Jun 2024	Midweek					
26 Jun 2024	Midweek		calm/rippled			
27 Jun 2024	Midweek					
28 Jun 2024	Midweek					calm/rippled
29 Jun 2024	Weekend		calm/rippled			
30 Jun 2024	Weekend	choppy				
01 Jul 2024	Weekend	calm/rippled				
02 Jul 2024	Midweek					
03 Jul 2024	Midweek			calm/rippled		calm/rippled