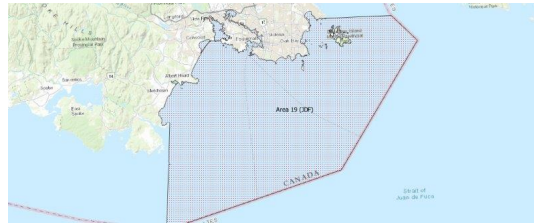


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 19 (JDF) 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		Flemming		Pedder Bay	
		AM	PM	AM	PM	AM	PM
28 Sep 2023	Midweek						
29 Sep 2023	Midweek						
30 Sep 2023	Weekend						16
01 Oct 2023	Weekend			20			
02 Oct 2023	Midweek				4		
03 Oct 2023	Midweek						
04 Oct 2023	Midweek						
05 Oct 2023	Midweek						
06 Oct 2023	Midweek						
07 Oct 2023	Weekend			5	13		
08 Oct 2023	Weekend						3
09 Oct 2023	Weekend						
10 Oct 2023	Midweek						
11 Oct 2023	Midweek						
12 Oct 2023	Midweek						
13 Oct 2023	Midweek						
14 Oct 2023	Weekend			7		1	
15 Oct 2023	Weekend						
16 Oct 2023	Midweek						
17 Oct 2023	Midweek						
18 Oct 2023	Midweek						
19 Oct 2023	Midweek		3				
20 Oct 2023	Midweek						1
21 Oct 2023	Weekend	5					
22 Oct 2023	Weekend		8				
23 Oct 2023	Midweek						
24 Oct 2023	Midweek						
25 Oct 2023	Midweek						
26 Oct 2023	Midweek			1			
27 Oct 2023	Midweek						
28 Oct 2023	Weekend						
29 Oct 2023	Weekend	3					2
30 Oct 2023	Midweek			2			
31 Oct 2023	Midweek		2				
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					4	1013	8
29-Sep-2023	Friday		0							
30-Sep-2023	Saturday	calm/rippled	16	3	2		9			
01-Oct-2023	Sunday	calm/rippled	20	1	19			33	1014	60
02-Oct-2023	Monday	choppy	4		1					
03-Oct-2023	Tuesday		0							
04-Oct-2023	Wednesday		0					6	1035	11
05-Oct-2023	Thursday		0							
06-Oct-2023	Friday		0							
07-Oct-2023	Saturday	calm/rippled	18	2	14					
08-Oct-2023	Sunday	calm/rippled	3	1	2					
09-Oct-2023	Monday (Thanksgiving)		0							
10-Oct-2023	Tuesday		0							
11-Oct-2023	Wednesday		0							
12-Oct-2023	Thursday		0					3	1015	5
13-Oct-2023	Friday		0							
14-Oct-2023	Saturday	calm/rippled	8		11			15	1036	27
15-Oct-2023	Sunday		0							
16-Oct-2023	Monday		0							
17-Oct-2023	Tuesday		0					3	1028	6
18-Oct-2023	Wednesday		0							
19-Oct-2023	Thursday	choppy	3	2						
20-Oct-2023	Friday	calm/rippled	1		1					
21-Oct-2023	Saturday	calm/rippled	5					10	1019	18
22-Oct-2023	Sunday	calm/rippled	8	5						
23-Oct-2023	Monday		0							
24-Oct-2023	Tuesday		0							
25-Oct-2023	Wednesday		0							
26-Oct-2023	Thursday	choppy	1							
27-Oct-2023	Friday		0							
28-Oct-2023	Saturday		0							
29-Oct-2023	Sunday	choppy	5	4						
30-Oct-2023	Monday	calm/rippled	2							
31-Oct-2023	Tuesday	calm/rippled	2							
01-Nov-2023	Wednesday		0							
02-Nov-2023	Thursday		0							
03-Nov-2023	Friday		0							
	Totals	choppy	13	2	2			4*		7*
	Totals	calm/rippled	67	13	46			19*		35*

* 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	35	10	350	0.194	0.687			68	240		
Midweek	7	21	147	0.154	0.154			23	23		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	October	1507	661	62		9
2019	October	469	63	168		0
2020	October	920	133	291		49
2021	October	487	17	238		23
2022	October	1026	114	335		49
2023	October	519	72	336		0
5-Yr Avg	October	882	198	219		26

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
Coho	78	23%	18%	214	54%	7%	14
Chinook	58	81%	19%	285	70%	4%	11

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	80	1%
iRec Anglers	1252	10%

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

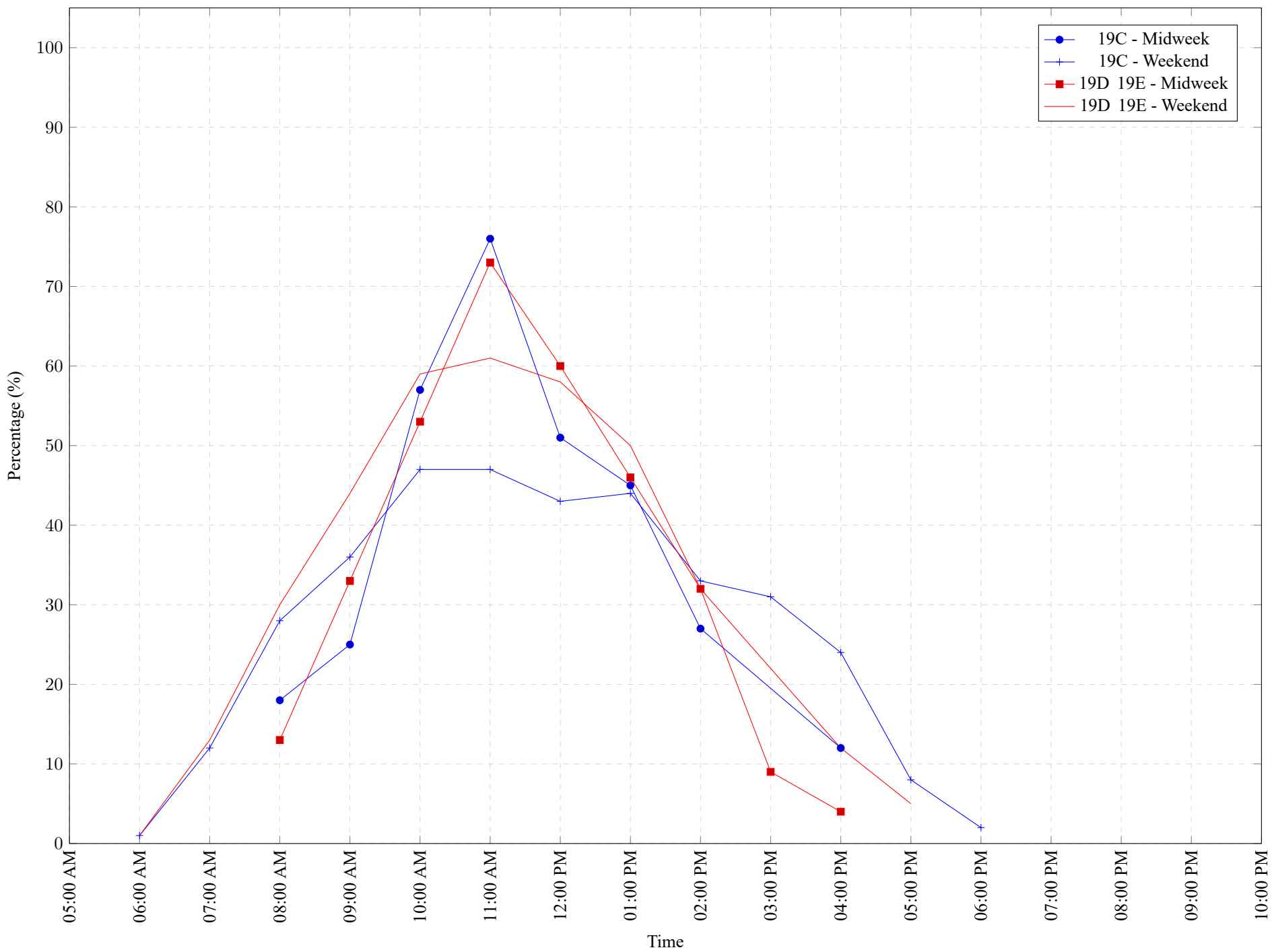


Table 7: Proportion of each day's fishing by hour.

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	0%	0%	18%	25%	57%	76%	51%	45%	27%	0%	12%	0%	0%	0%	0%	0%	0%
19C	Weekend	1%	12%	28%	36%	47%	47%	43%	44%	33%	31%	24%	8%	2%	0%	0%	0%	0%
19D 19E	Midweek	0%	0%	13%	33%	53%	73%	60%	46%	32%	9%	4%	0%	0%	0%	0%	0%	0%
19D 19E	Weekend	1%	13%	30%	44%	59%	61%	58%	50%	32%	22%	12%	5%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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